

Rock Products

Stone Edition

MONTHLY

Vol. VI

CHICAGO, ILLS., MAY 5, 1907

No. 11

The Climax Stone Co.

BUFF AND BLUE

BEDFORD STONE
BEDFORD, INDIANA

Rough, Sawed, Turned
Machine Dressed.

Estimates Given on all
kinds of cut work.

PULSOMETER STEAM PUMPS

SEE ADV. PAGE 9

ARE YOU REPRESENTED IN THE ADVERTISING
COLUMNS OF ROCK PRODUCTS? IT PAYS



STAR AIR COMPRESSOR

Manufactured by

**St. Louis Steam
Engine Co.**

15 S. Commercial St.
ST. LOUIS, MO.

Write for catalogue
especially for the retail
Monument trade.

Special Features in this Number

Architects' Convention at Washington, April 23 and 24.
Indiana Limestone Used for Interior Finish of Church at Buffalo.
Inartistic Effect of the Sign Nuisance in America.
Wisconsin Capitol—Goes in Bethel Granite.

Michael Cohen & Co.
St. James Building, Broadway and 26th St.,
NEW YORK CITY.

For patching all kinds of Limestones,
"DUGAN'S INVISIBLE PATCHER"
For repairing marble, granite,
sandstones, etc.,

"MEYER'S GERMAN
CEMENT AND LIQUID."
Directions for using with every can.

Stock constantly on hand. There are no better
materials on the market.
"Nash's Cubing Book."

DIAMOND SAW BORTZ

Since 1880 we have made a study and specialty of the best kind of Diamond Bortz for sawing different stone. We have been so successful that demand has made us the largest importers of Diamond Bortz in America and the visit every three months of our Mr. D. Mendes to the European markets enables us to select only such Bortz as is most desirable and economical to use. Write us if using a Diamond Saw.

MENDES CUTTING FACTORIES, 12 John Street, New York City.

If you Don't want anything perhaps you have something to sell—Try an Ad in our Wanted and For Sale Section

Wardwell Electric and Steam Stone Channellers

FOR OVER 40 YEARS "WARDWELL'S"
HAVE STOOD FOR ECONOMICAL QUARRYING

GADDERS, STEAM DRILLS, BLOCK WAGONS, DERRICKS, WIRE ROPE,

QUARRY EQUIPMENT OF ALL KINDS.

STEAM STONE CUTTER COMPANY,

RUTLAND, VERMONT.

Green River Stone

THE STONE THAT GETS WHITE.

CADEN STONE CO., OFFICE AND YARDS,
411 to 425 E. Ohio St., Evansville, Ind.

Blocks Sawed, Planed and
Cut Stone for Building and
Monumental Purposes.

Send Plans for Estimates in
all kinds of Stone.

White Bowling Green Oolitic Stone

If you want a beautiful Building use our Stone. It is WHITE
when quarried and STAYS WHITE.

Oman Bowling Green Stone Company,
Quarries near Bowling Green, Ky. Office, Nashville, Tenn.

Advertisers recognize Rock Products as a medium of the highest
character and influence. Write today for speci-
men copy and advertising rates.

*# Lincoln
Quality
is HONEST Quality*

The stone saw
for the
profit - want
is the

Let us quote you on
the gang saw you
want--or any machine
for working stone.
Write for Catalog K
---or state your needs.

The Colusa
people, way off
in California,
talk like this:--

"The strength, wear, and
capacity of Lincoln planers are
all we can desire. In fact, we did
not know what solid comfort was
until we got your machines."

Stone-Working Machinery
built for speed *and* precision---
you can buy less for less, but
never so much for *the* money

LINCOLN - MERRIMAN CENTER-CRANK GANG

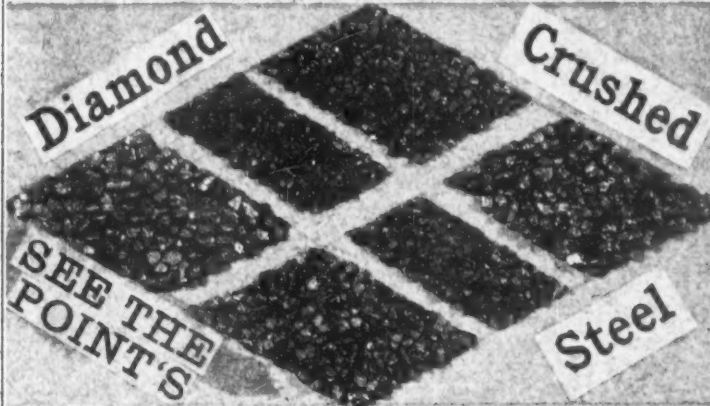
† Heaviest gang built---20,000
pounds with steel frame, 24,000
with timber frame. † 72-inch
balance wheel weighs 2,000
pounds. † Never knew our

center-draw crankshaft to break.
† Whole saw built for service,
speed, easy running---screwfeed
assures accurate cut and no
racking nor waste power.

LINCOLN IRON WORKS
RUTLAND VERMONT

Pittsburg Crushed Steel Company, Ltd.
PITTSBURG, PA., U. S. A.

Patentees and Sole Manufacturers of



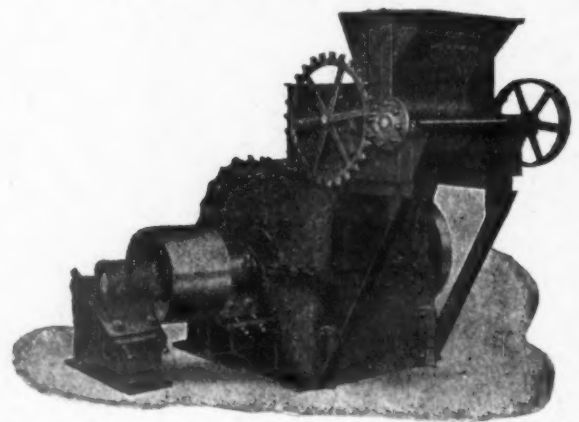
Angular in shape, made from high grade Crucible Steel. Tough and
lasting. Saws, Rubs, Grinds, Polishes Granite, Stone, Marble, Brick,
etc., etc. Does it cheaper and faster than any other Abrasive. Write
for prices and samples.

Sole Agents for Celebrated "Samson" Chilled Shot. Samples and
prices furnished on application.

AIR Compressors
Stone Tools
of every description.
Catalogue Gratia.
American Air Compressor Works, 26 Cortlandt Street,
NEW YORK CITY.

Jeffrey Crusher

With Automatic Feed Device



A Valuable Addition, Machine Heavily Constructed

BUILT FOR WEAR.

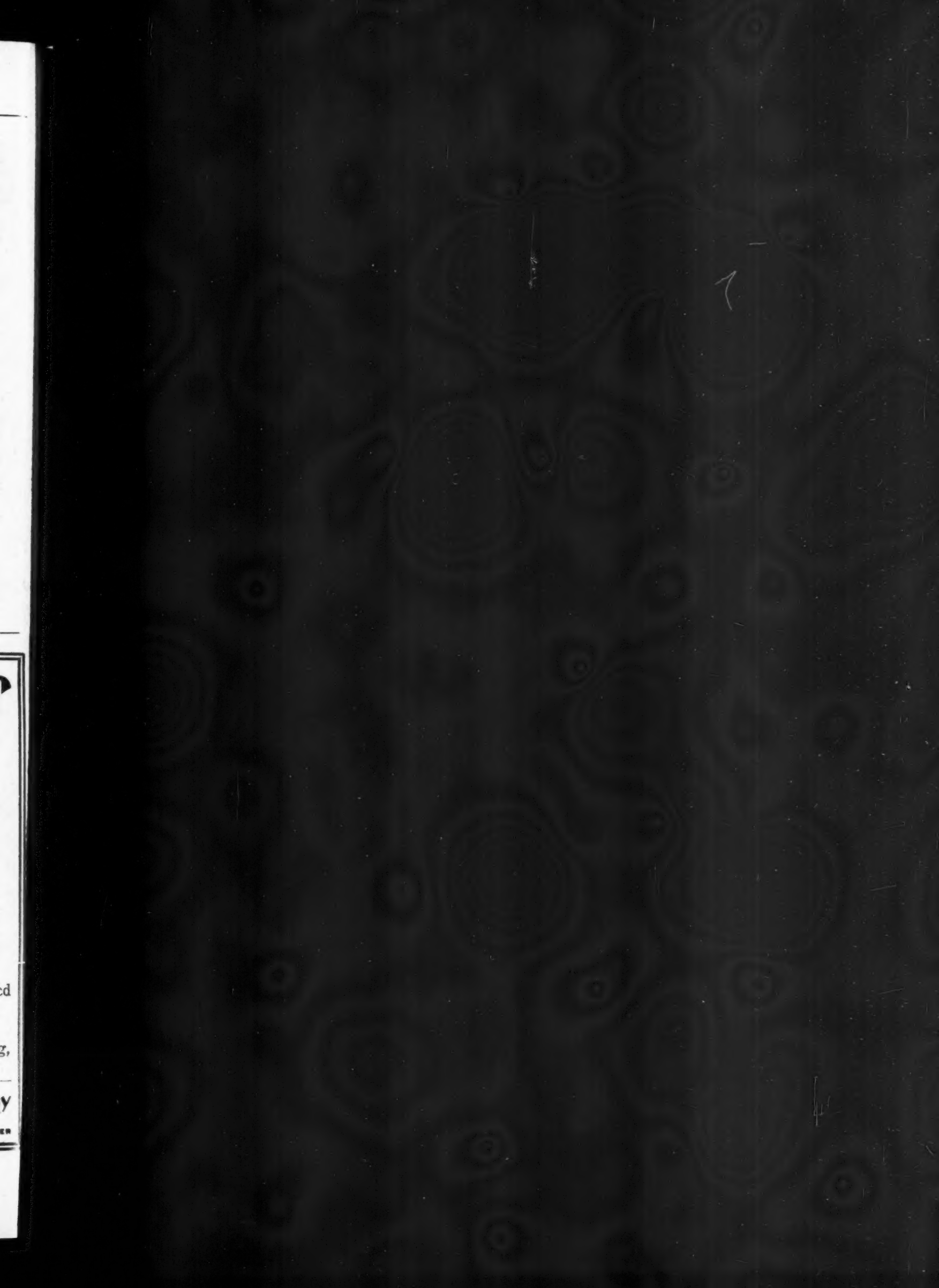
Send for catalogue No. 30 for details.

Elevating, Conveying, Screening, Drilling, Mining,
Power Transmitting.

The Jeffrey Manufacturing Company

COLUMBUS, OHIO, U. S. A.

NEW YORK CHICAGO BOSTON ST. LOUIS DENVER



Rock Products

STONE EDITION

MONTHLY

Volume VI.

CHICAGO, ILL., MAY 5, 1907.

Number 11.

INARTISTIC EFFECT OF THE SIGN NUISANCE IN AMERICAN CITIES.

Popular Crusade is on in New York Against the Unsightly Bill Board.

BUILDING INTERESTS SHOULD HELP.

A traveler recently describing his journey across the continent to New York and giving his impressions of the American metropolis was heard to remark that the scenery along the route as well as in the city seemed to be mostly hand painted. Provided a railroad train is not running too fast a keen eye might occasionally get fleeting glimpses of landscape through the narrow intervening spaces between billboards along a scenic route, but traveling at sixty miles an hour meadows, hills, mountains, lakes and rivers are well-nigh indiscernible and the tourist is likely to imagine himself riding around a baseball park. While it is painful to see the beauties of nature destroyed or disfigured it seems the height of folly for builders to invest millions in beautifying a city only to have their works of art plastered over with an indiscriminate array of advertisements.

The war on sign boards and sky signs in New York is bearing fruit. New Yorkers, so accustomed to seeing signs on every hand, have not noticed the alarming rapidity with which the number has increased, but since the inauguration of the present movement they have opened their eyes and much interest is manifested in the present crusade.

The picture printed on this page, reproduced by courtesy of the New York Herald, the paper which has been instrumental in calling attention to the abuse of the city's architecture, shows the famous Broadway Tabernacle with its beauty marred by an adjoining large signboard, and this is but one instance among hundreds where examples of architects' and builders' skill are defaced in this manner.

The Herald says that among the things already accomplished in the three weeks' anti-sign campaign are these:

Suits have been begun to recover penalties for twenty-seven signs which violate the law and to compel their removal or alteration.

Senator McCall has introduced in the legislature a bill giving to the Municipal Art Commission authority to supervise all signs and to grant permits for their erection.

Alderman Doull has prepared an ordinance for introduction in the Board of Aldermen, limiting the size of the signs and billboards and imposing a license fee for them.

Members of the Building Code Revision Commission are considering an ordinance to be incorporated in the new building code to regulate outdoor advertising.

Dozens of civic organizations have joined the crusade, and all are using their influence to bring about reforms.

It is estimated that on the basis of one cent per square foot, which is the tax assessed on billboards in Los Angeles, New York city would derive over one-half million dollars additional revenue, while the sum asked from each advertiser would not be unjust. In addition to a tax the regulation of signboards by the city will do much to restore the city to its intended beauty.

In noting the methods of regulating advertising in other large cities of the world the New York Herald says:

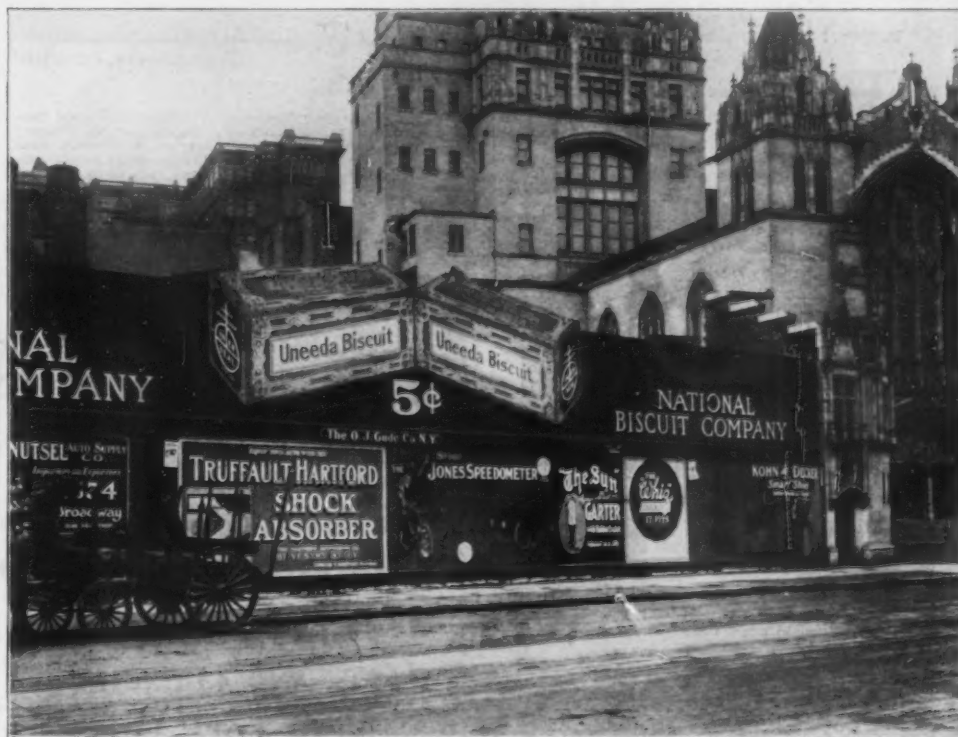
"In London there is only loose regulation, and the city is pasted and painted and posted worse than New York. In Paris the city authorities have full control over advertising, and the result is an utter lack of jarring effects. Advertising in Paris is done in an artistic way.

"In Berlin the regulation is perfect also. There advertising columns are erected at certain points in certain thoroughfares and on them are placed signs of various colors and design, but all of a character approved by the authorities. There are about one

thousand of these columns in Berlin. For the privilege of erecting them and letting them out for advertising purposes, a company paid the city \$95,800, and as soon as completed the columns became the property of the city. The interiors of them are used by the city for storage of tools, sand for car tracks and various utensils used in the cleaning of streets. On the columns, which are of iron and of artistic design, are distinctly marked the number of the city district, and police station, the nearest sanitary station, the nearest accident station and the nearest relief station.

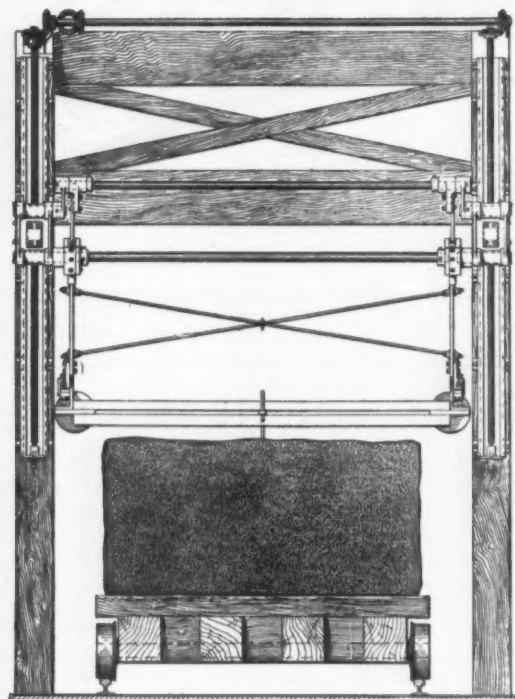
"Rates for advertising are fixed by the city authorities. The promiscuous placing of signs on new dwellings is not permitted, although signs may be painted on the sides of structures. Multi-colored, changing, electrically illuminated signs on the tops and on the entrances of buildings are permitted, and are about as numerous there as in New York.

"It would seem," said Charles R. Lamb, president of the Municipal Art Society, "that New York is at last to have relief from the advertising plague. With all the forces now at work, one would assume that proper legislation will soon be passed."



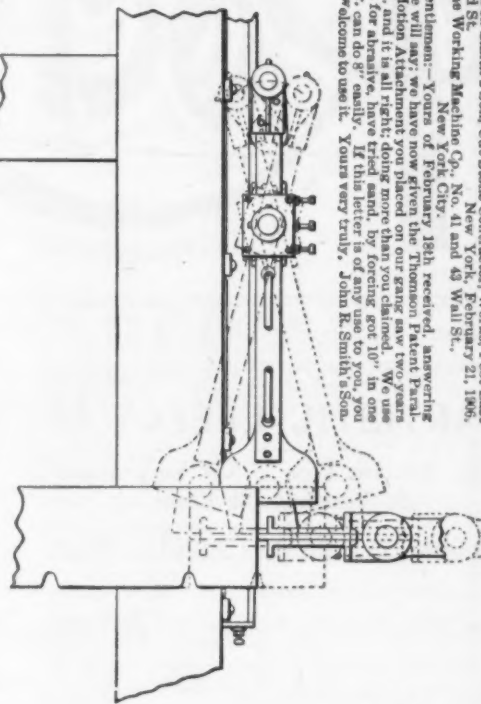
FAIR SAMPLE OF THE WAY THE GRANDEST ARCHITECTURAL EFFECTS ARE DEFEATED BY THE BILL BOARD NUISANCE.

The Thomson Patent Parallel-Motion GANG and RIPS AW



These saws can be seen in operation at any of the following stone yards:

CARR & BALL, Harrison, N. J.
J. J. SPURR & SON, Harrison, N. J.
DURRIE & DAVIDSON, Harrison, N. J.
A. J. HOERNER & SONS, Newark, N. J.
B. A. & G. N. WILLIAMS, Washington, D. C.
BARR, THAW & FRASER, Hoboken, N. J.
DAVID G. MORRISON, L. I. City, N. Y.
JOHN R. SMITH'S SONS, Ft. E, 103 7th St., New York City.
JAMES MUIR, Springfield, Mass.
KIRKPATRICK BROS., Philadelphia, Pa.
BUCK & GALLAGHER, Philadelphia, Pa.
SOUTH SIDE STONE CO., Bloomington, Ind.
CONN. STEAM BROWNSTONE CO., Portland, Conn.
EVERGREEN STEAM STONE WORKS, Evergreen, N. Y.
J. H. HUTCHINSON, St. Henri, Canada.
SEATTLE CUT STONE CONTRACTING CO., Seattle, Wash.



John R. Smith's Son, Cut Stone Contractor, Works, Foot East 103rd St., New York, N. Y., January 21, 1906.
Stone Working Machine Co., No. 41 and 43 Wall St., New York City.
Gentlemen:—Yours of February 18th received, answering same will say, we have now given the Thomson Patent Parallel Motion Attachment you placed on our gang saw two years trial, and it is all right, doing more than you claimed. We use it for abrasive, have tried sand, by forcing it in one hour, and do it easily. With this letter is of any to you, we welcome to use it. Yours very truly, John R. Smith's Son.

The Stone Working Machine Co.,
41 and 43 Wall Street,
New York City.

Gentlemen:—In reply to yours of recent date, would say: that we had such confidence in the Thomson attachment for stone saws that we put in the first two manufactured. We have had them in operation now nearly five years, and are pleased to say our judgment has been more than justified. We are confident there is nothing in the market equal to them. The cost for repairs has been practically nothing, and they continue to give every satisfaction. You may use this letter if it will help you in your sales. Yours very truly,

CARR & BALL,
111-121 Passaic Ave.
Harrison, N. J., Feb. 20, 1906.

WORKS:

Ave. A and 88th St., N. Y. City.
Mill and Orchard Sts., Astoria, L. I.
South Capitol and I Sts., Washington, D. C.
Ball Ground, Georgia.
New York, April 19, 1906.
Mr. W. F. RANNEY,
General Manager, Stone Working Machine Co.,
New York City.

Dear Sir:—In reply to the letter of inquiry you sent us with reference to the gang of saws furnished us at our yard at South Capitol and I Streets, Washington, D. C. will say, this gang is working very satisfactorily and is cutting about 60 per cent more than our other gangs under similar conditions in South Dover Marble. Up to the present time we have had very few repairs and we think very well of your Machine. Yours very truly,

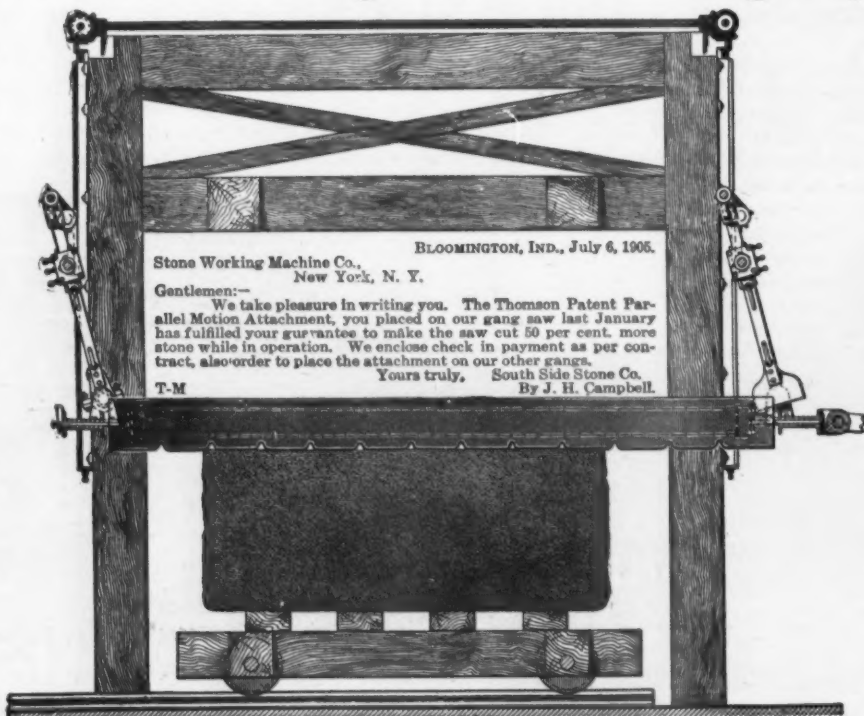
B. A. & G. N. WILLIAMS,
5 and 7 E. 42nd St., N. Y.
B. A. Williams, Pres.

Kirkpatrick Bros.
23d St. and Washington Ave.
Philadelphia, February 2, 1906.
Stone Working Machine Co.,
41 and 43 Wall Street,
New York City.

Gentlemen:—Yours of 1st inst. received. In answer, would state that we have had a complete new saw of yours in use for two years. It has been working very satisfactorily. We can saw more than twice what we could with the former gang saws, and require but little more power. Yours truly,

KIRKPATRICK BROS.

Stone Working Machine Company



Stone Working Machine Co.,
New York, N. Y.

Gentlemen:—

We take pleasure in writing you. The Thomson Patent Parallel Motion Attachment, you placed on our gang saw last January has fulfilled your guarantee to make the saw cut 50 per cent. more stone while in operation. We enclose check in payment as per contract, also order to place the attachment on our other gangs.

Yours truly, South Side Stone Co.
T-M By J. H. Campbell.

BLOOMINGTON, IND., July 6, 1906.

SOLE OWNER OF ALL PATENTS AND MANUFACTURING RIGHTS

W. F. RANNEY, Manager,

43 WAL ST., AND 43 EXCHANGE PL.,

New York City.

J. J. SPURR & SONS,
Harrison, N. J., Feb. 20, 1906.
Stone Working Machine Co.,
41 and 43 Wall Street,
New York City.

Gentlemen:—Replying to yours of February 15th, regarding Thomson Patent Parallel Motion Attachment will say: we have been using the two placed on our saws for the past three years, and during that time they have received hard usage. Have had to make some repairs this winter, but we are perfectly satisfied and highly recommend them. Yours truly,

JOSEPH J. SPURR & SONS

JAMES MUIR,
Steam Stone Works,
Bay Street Avenue,
Springfield, Mass.
Springfield, Mass., Mar. 28, 1906.
Stone Working Machine Co.,
41 and 43 Wall Street,
New York City.

Gentlemen:—Replying to yours of recent date, I am pleased to write the Thomson Patent Parallel Motion Stone saws you installed for me in August 1904, has proven itself satisfactory in every way. Sawing more than double we ever sawed in every kind of stone, and I do not see that it requires any more power.

You ask particularly for report as to granite, I am doing a granite job now. Have visited a number of plants where granite is being sawed and I must say I am sawing more and doing better work than any mill that is sawing granite that I know of.

You are at liberty to bring or send any one to see this saw when I believe all the above statements will be proven to their entire satisfaction. Yours truly,

JAMES MUIR.

BUCK & GALLAGHER,
Cut Stone Contractor,
N. W. Cor. 9th and Wolf Streets,
Philadelphia, Pa. Feb. 24, 1906.
Mr. W. F. Ranney, Pres't.
Stone Working Machine Co.,
Nos. 41 and 43 Wall Street,
New York City.

Dear Sir:—Replying to yours asking if we can recommend the Thomson Attachment for stone gang saws, will say: ours is giving entire satisfaction: running smoothly and doing excellent sawing—we believe doubly what old saw did. Can't see but what our engine runs it as well as it did before change. We are sawing in limestone with four or five blades for 1 ft. 8 in. to 2 ft. 8 in. per hour, (using shot or crushed steel of course.) Will show saw to any one who wishes to examine it. Yours truly,

BUCK & GALLAGHER.

Tell 'em you saw it in ROCK PRODUCTS.

CORLISS AIR COMPRESSORS

Ingersoll-Rand Corliiss Compressors combine the exclusive superiorities of former Ingersoll-Sergeant and Rand types, more of which are in use today than all of other makes combined. The Ingersoll-Rand Company guarantees its Corliiss Air and Gas Compressors to deliver compressed air or gas with a lower steam consumption per cubic foot, and to maintain a higher economy over longer periods of actual operation under working conditions, than any other Corliiss Compressor made.

HAMMER DRILLS CORE DRILLS
**INGERSOLL-
RAND CO.**

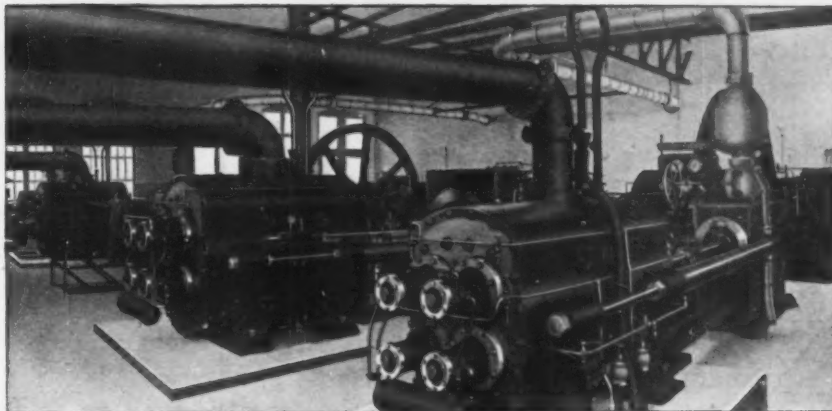
11 Broadway, NEW YORK

Chicago
Cleveland
Houghton

Philadelphia
Birmingham
San Francisco

St. Louis
Pittsburg
Butte

El Paso
Boston
Denver



Air Power Plant of the Cleveland Stone Company at North Amherst, O. In the quarries supplied by this plant 17 Ingersoll-Rand Rock Drills are used, also 7 Ingersoll-Rand Channelers. 13 more of these channelers have recently been ordered.

F27

WHEN IN CHICAGO DROP IN—355 DEARBORN ST.

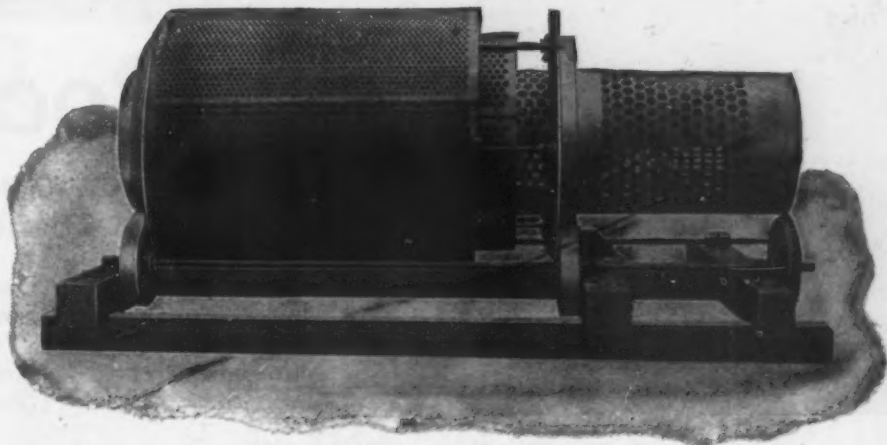
The O'Laughlin Revolving Screen

For Granite, Stone, Sand, Gravel, Coal, Coke or anything requiring separation.

THE principle of separating is exactly opposite that of the older style revolving screen, the materials being discharged on coarse perforations first. The coarse material is immediately separated from the finer in each of the concentric screens to the different required sizes.

The type of screen here illustrated is in use at a No. 8 Crushing plant for limestone (which was formerly equipped with three of the older style screens and required an outlay of \$350.00 for each 100,000 cu. yds. of stone separated. Up to the present time it has made perfect separation into five sizes of 300,000 cu. yds. with a recent outlay of \$27.00 for renewing the portion of the screen that the stone has been discharged on, and should do as much more without any additional outlay.

The inside or longest screen is 8 feet long and 36 inches in diameter, the next concentric screen is 7 feet 6 inches long and 48 inches in diameter, the next screen is 7 feet long and 58 inches in diameter, the next is 6 feet 6 inches long and 66 inches in diameter. With the exception of the inner screen each section is adjustable and the screen is complete without it. The figures given above give 492 sq. ft. of



screen surface which is equal to 3 screens of the old pattern, 14 feet long and 36 inches in diameter.

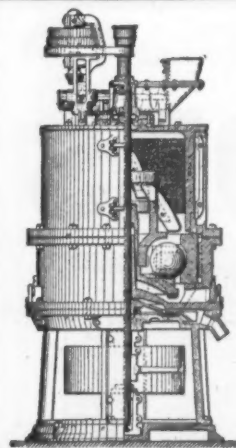
We claim it requires but one-fifth the power to operate our screen than the old style and yet it does the same amount of work. This is proven first, by the length of screen; second, by the size of driving pinion in comparison with gear; third, by the size of trunnions in comparison to the tread of screen. The material to be sep-

arated and weight of screen rests above the bearing points. While in the old style screen it is below the center of bearing points. The material being immediately separated by dropping into each of the concentric screens reducing the wear on screens to the minimum.

Let us know your requirements, what materials you wish separated, the amount daily and the different sizes, and we will furnish an estimate as to cost, power required, etc.

JOHN O'LAUGHLIN, - - - RACINE, WIS.

Tell 'em you saw it in ROCK PRODUCTS.



Fuller-Lehigh Pulverizer Mill

The Best Pulverizing Mill Manufactured

Exhaustive tests in all departments, in competition with the most approved grinding machines in use, have demonstrated the superiority of our machine

OUR CLAIMS:

Greater Output

"With the four we are now ordering we will have in use 16 Fuller Mills in all and I think you can hope to get orders from us within the very near future for quite as many more."

Better Fineness

Few extracts from letters received from users;

"We have to say for your Fuller Mill that it is unqualifiedly the best grinding device we have ever tried on our lime rock and eminently satisfactory to us."

Fewer Repairs

Dustless

"We are pulverizing with one Ball Mill and four Fuller Mills sufficient raw material to produce nearly 1200 barrels of clinkers per day, which record I believe can not be approached by any other mill on the market."

If interested, write us for further information

LEHIGH CAR, WHEEL & AXLE WORKS, CATASAUQUA, PA. U. S. A.

"ROPE THAT'S RIGHT MACOMBER & WHYTE"

Macomber & Whyte Rope Co.
CHICAGO



"Chicago Giant" Rock Drills

Are Superior to all Others in the Following
Salient Features:

Simplicity.
Uniformity of Design.
Light weight.
Materials.
Strength.

Durability.
Long life of
wearing parts.
Rotating mechanism.
Short stroke feature.

Efficiency.
Two-way adjustable
shell.
Lubrication.
Shell foot clamp.

In designing the "CHICAGO GIANT" ROCK DRILL we brought together a mechanical force whose experience extended over a period of thirty years in connection with machinery of this class. The efforts of these men, combined with the utmost care in the selection of material and supervision of construction, has given the "CHICAGO GIANT" the supremacy in the rock drill field.

Made in all Sizes - Sold Under Guarantee - Shipped on Trial to Responsible Parties.

Write for Special Circular No. 59, and Catalogue No. 22 Covering Rock Drills, Manufactured by

Chicago Pneumatic Tool Company,

Fisher Building, Chicago

95 Liberty St., New York

We Manufacture FRANKLIN AIR COMPRESSORS in More Than 100 Styles and Sizes; a Full Line of Pneumatic Tools and Appliances and DUNTLEY ELECTRIC TOOLS.



Tell 'em you saw it in ROCK PRODUCTS.

NILES CRANES



One of the two 20-ton Niles Cranes, 75 ft. span, installed in yards of Milford Stone Co., Milford, Mass.

— Built by —

NILES-BEMENT-POND CO.

111 Broadway, NEW YORK,

Philadelphia, Boston, Chicago, Pittsburg, St. Louis, London.



CRANES ELECTRIC AND HAND POWER HOISTS

All Types and Sizes of Electric and Hand Power Cranes and Hoists.



For stone yards or stone mills, out door or inside service.

AC OR DC MOTORS

THE CASE MFG. CO., Columbus, Ohio.

NEW YORK:
McCALVE, RIMMER & CO.
85 Liberty St.

PITTSBURG:
A. W. WYCKOFF CO.
Farmers Bank Bldg.

CLEVELAND:
C. E. STAMP & CO.
New England Bldg.

CHICAGO:
F. S. HICKOK,
Marquette Bldg.

SAN FRANCISCO:
LILLEY & THURSTON,
702 Atlas Building.

Industrial Cars and Track



No. 188 Body Dump Car.

For Quarries, Mines,
Cement Plants, Etc.

Switches, Turntables, Light
Steel Rails.

SEND FOR CATALOGUE NO. 8.

WONIAM-MAGOR ENGINEERING WORKS,
NEW YORK Office: Dept. P, 29 Broadway. Works Passaic, N. J.
BOSTON Office: Dept. P, 141 Milk Street.

Marvin Electric Drill

Simplest machines ever
built for drilling rock.
They have been in use
2100 days, averaging
15 hours per day and
still giving entire satis-
faction.

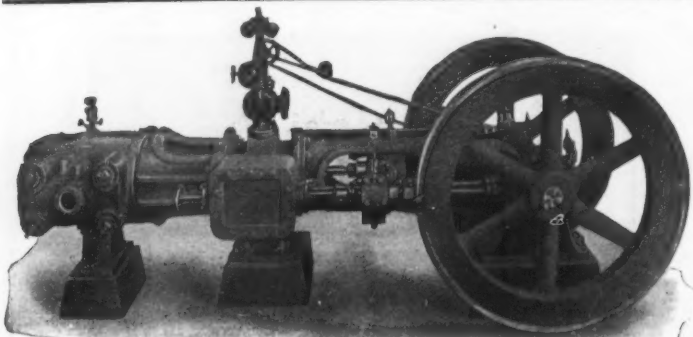
No electric motor.
No cams.
No machine shop.
Send for Catalog No. 4.



Marvin Electric Drill Company,
BINGHAMTON, N. Y.

Tell 'em you saw it in ROCK PRODUCTS.

A GOOD MECHANIC KNOWS WHY



OUR FORK-FRAME STRAIGHT-LINE Air Compressors

Last longer and run smoother than others. Also why the removal of the bearings from the neighborhood of the steam cylinders improves their running qualities

Air Compressors—Steam driven, Belt driven and direct connection. Electric Motors for every conceivable service.

Full particulars are given in pamphlet. Send for it.

Clayton Air Compressor Works

114-118 Liberty St., NEW YORK

Works at

KOPPEL

COMPLETE P. O. Address, HOMEWOOD INDUSTRIAL
Beaver County, Pa.

Trade-Mark.

Railway Equipments

For the Clay Worker, Brickmaker,
Cement Worker, Mines and Quarries.

Write for Catalog No. 37

IN STOCK

Rails, Steel Ties, Portable Track, Switches, Frogs, Crossings,
Steel Dump Cars, Flat Cars, Turntables, etc.

ARTHUR KOPPEL COMPANY

66-68 Broad Street, New York. 1639 Monadnock Block, Chicago.
83 Oliver Street, Boston. Machesney Bldg., Pittsburg, Pa.
Chronicle Building, San Francisco.

CHEAP POWER!

Backus Gas Producer and Gas Engine

\$1.00 for 50 H. P. 10 Hours, for Pea Coal Consumed

MANUFACTURED BY

The Backus Water Motor Company,
NEWARK, NEW JERSEY.

Branch Offices:
Philadelphia, Pa. Chicago, Ill.
Boston, Mass.

RUGGLES MACHINE CO., Poultney, Vt.

ESTABLISHED 1828.

Pioneer builders of SOFT STONE WORKING MACHINERY
Such as Slate, Soap and Sand Stone.

Henricks Magneto

Fills Your Gas or Gasoline Engines without the Aid of Batteries

It is better and more durable than any Dynamo. Its governor regulates the speed regardless of speed of fly wheel. Its governor adjusts to imperfect fly wheels. Its governor insures a constant and uniform spark. The spark does not burn the contacts of the engine. All strains are removed from the bearings of Magneto.

Fully Guaranteed, **Henricks Novelty Company,**
Agents Wanted. 130 S. Capital Ave., Indianapolis, Ind.

Stacks! Tanks! Kilns!

AURORA BOILER WORKS

AURORA, ILLS.

Steel Plate Work.

Tell 'em you saw it in ROCK PRODUCTS.



DRAIN YOUR QUARRY PITS

with a pump that gritty, muddy water can not injure

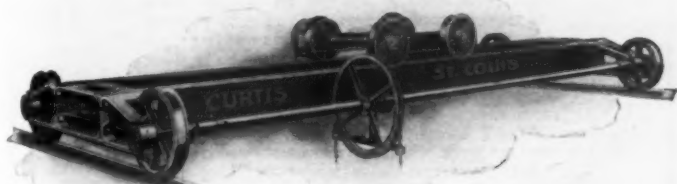
PULSOMETETR SEAM PUMP

is built for hard work. Has no easily deranged inside or outside mechanism. Is simple, handy, efficient and durable. Requires neither engine, belt, oil, packing nor special foundation; merely a steam pipe from the boiler. Operates as well suspended as stationary. **An Ideal Quarry Pump.**

WRITE FOR CATALOGUE.

THE PULSOMETER STEAM PUMP CO., 12 BATTERY PLACE, NEW YORK.

CURTIS CRANES

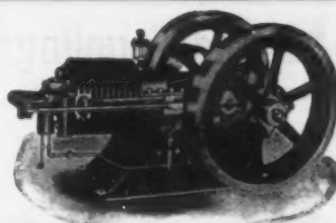


Single and Double Beam Cranes up to 40 Foot Span and 20,000 Pounds Capacity.

ALSO MANUFACTURERS OF

Air Compressors, Air Hoists, Jib Cranes,
Pneumatic Elevators, Trolley Systems.

CURTIS MFG. CO. ST. LOUIS, MO.



Air Cooling Gasoline Engines.

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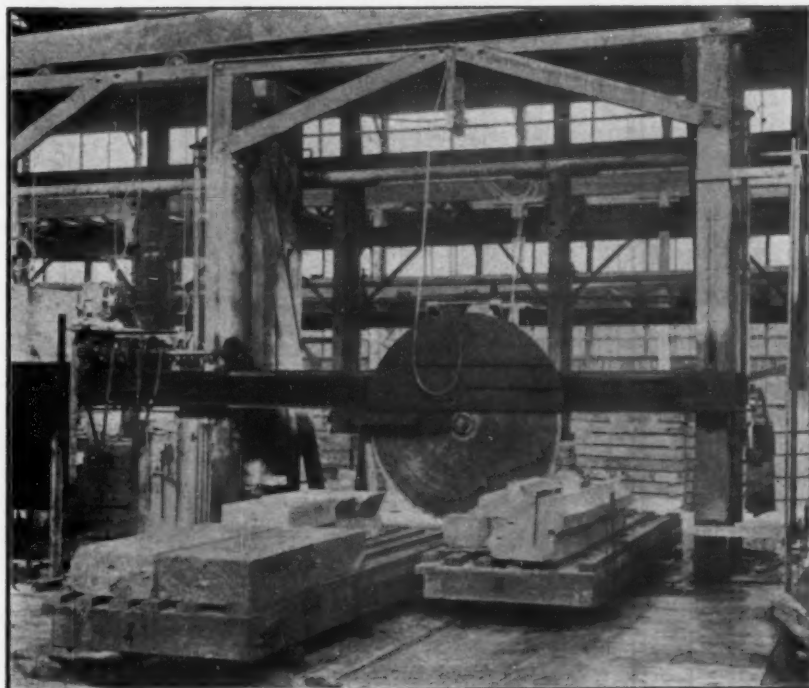
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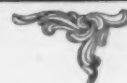
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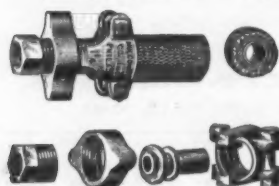
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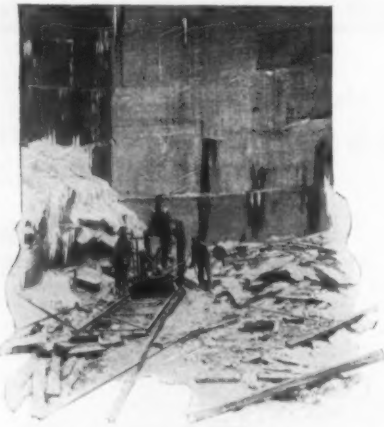
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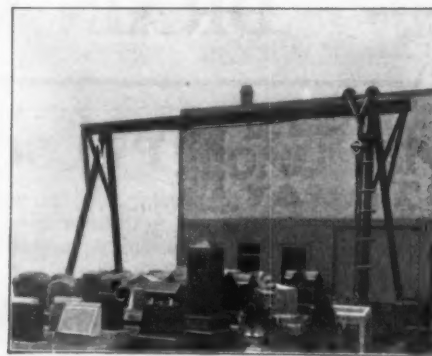
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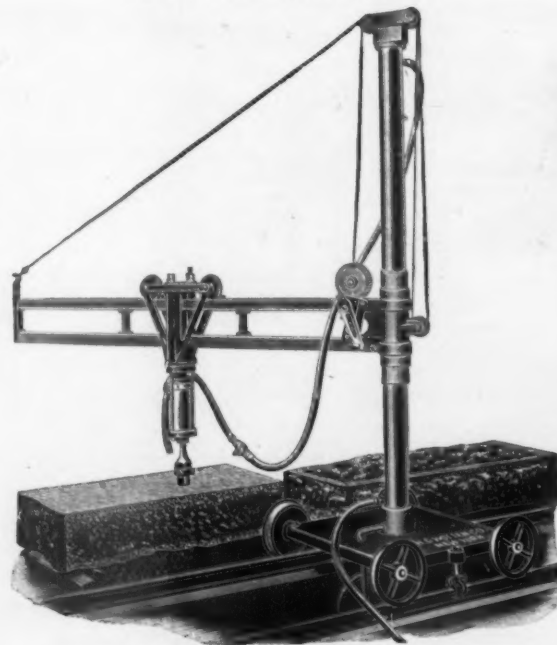
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ROCK PRODUCTS

ESTABLISHED IN LOUISVILLE, KY., 1902.

EXPONENT OF THE STONE INTERESTS OF THE UNITED STATES.

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Larger Machines for Stone Workers.

Dimension stone quarrymen have been taking time by the forelock, and the reports from the quarrying districts indicate that a goodly supply of mill blocks is already available. The tendency at the quarries is to take out larger mill blocks than heretofore. New equipments in the future will have larger derricks, cranes with greater capacity, wider gang saws, all to obtain the economies of doing business upon a larger basis. It really costs very little more to handle a larger piece of stone than it does the small size now in vogue. On the quarry floor a bigger stone unit really means less channeling expense, for there will be fewer channel courses to each floor where larger pieces of stone are used. A gang saw that carries four to six additional blades really requires very little more power to drive, while the additional product represents a direct contribution to the profit account. This tendency in quarry equipments has been called forth by the enormous growth of the demand upon the product of the quarry for sawed stone. Equipment upon a larger basis means a broadening of the scope of operations with economies making a larger volume of business possible.

Scarcity of Good Draftsmen.

There is a pronounced scarcity of capable draftsmen. Architects and monument designers find that even when they are prepared to pay high salaries it is impossible to secure good men. A number of foreign draftsmen from the technical schools of England, France and Germany have come to America within the last year, but their services to a great extent have been unavailable on account of the difference of building methods to which they have been accustomed and the new methods and systems which are now universally practiced in America. A glance at the situation discovers the fact that there are few young men who are taking up the study of architectural drawing in comparison with the present demand and that which is sure to be developed as time rolls on.

The Effect of the Late Spring.

The building trades have all had a late start this spring. Up to within the last week or two excavations have been an impossibility, and only such work as was well above ground could be advanced at all. Numerous contractors who expected to begin their operations by the middle of April have not yet been able to assemble their materials, set up their outfits and get down to actual work. Unless the coming fall season should be correspondingly late this means that there will be a short building season and the volume of business now under contract that must be completed before cold weather shuts off operations suggests the advice to every contractor, as well as every producer of materials, to get busy with his best efforts to take care of all the work that has to be done in the curtailed period of a short summer's activities.

The Jamestown Exposition.

The president has opened the Jamestown Exposition amidst thundering salutes from vessels representing the navies of the world, proclaiming the cordial attitude of all the nations to this republic at the celebration of the ter-centennial of the planting of the little colony of Englishmen from which a great nation has grown up in this new world. It has been a nation that has stood for peace and for development in the arts that contribute to the comfort and the happiness of the children of men, and certainly in our brief history we have contributed more than any other nation in this direction.

In the whole field of American invention and accomplishment nothing more important has been achieved than the improvements in building methods and the application of structural systems invented and designed for safety, convenience and comfort.

The exposition at Jamestown will continue all summer, but the summer-time is the busy season for those engaged in the building line. It will collectively present a valuable and instructive study for every man who is interested in construction, whether he be an architect or contractor, and all the builders in the country should make it a point to visit Jamestown so that the lesson to be learned there may be dispersed as widely as possible and carried to every community in the land by the men who are most interested in and most capable of giving the country the best results. Expositions and fairs, on account of their temporary nature and the indispensable holiday feature which they represent, must always take place in the summer-time. It will certainly be inconvenient for many an architect and contractor to get away from the grind when the pressure is on. But the game is really worth the candle, and if arrangements are made in advance it is not so hard to get the necessary time for this important as well as enjoyable educational feature.

There's a Welcome for You.

The new home of ROCK PRODUCTS is located at 355 Dearborn street, Chicago. Take the elevator to the seventh floor, where a cordial welcome awaits all of our friends and those interested in the materials that are employed in any kind of building construction. There is a large collection of information about materials always on tap that is sure to be useful, and incidentally you can contribute to the stock your own stunt for the benefit of the other fellow.

Editorial Chat

The First Big Gun.

On another page in this paper will be found the story of the capture of the contract for the new capitol building at Madison, Wis. It has been some time since any large contracts have been let, although the figuring table of the cut stone man and the architect's board have been laden with estimates and plans for a large amount of building. While the sun shines only in spots, owing to the weather man's ill-nature, the sun rising gun should be followed by many others, because by May first labor matters are in a comparatively good condition and with the material manufacturers in a position to furnish the blocks or the mill work, it is now up to the money interests to do the building.

A few years ago in cities of all classes when the fever for high buildings came on at a high temperature, it was a common thing to hear the laymen say, "Well, I don't see how tenants enough can be found to occupy them." This "old world of ours do move," and the years roll by and new buildings are built, and old ones rebuilt, and still office room is at a premium in every live city.

Of course as we have progressed ground values have advanced and the cost of material, with the exception of the stone lines, has advanced also. Apparently, then, there must be something the matter with all of us, ROCK PRODUCTS included. If the building material interests, including all classes of building stone, should be making greater progress, we must all get together and do a little tug-of-war pulling. That means we must create some business by showing the prospective builder the why and wherefore of the value and beauty of the structure erected of building stone of various kinds.

Looks for Improved Conditions.

G. Haas, New York representative of the Westfield Marble Company, whose office is 24 East Twenty-third street, says that considering the prevailing conditions business with him is especially good at this time. Mr. Haas notes a great improvement in conditions this month over the preceding one, and while he is not surprised to find business a little dull at present, looks for a gradual improvement with the advance of the season.

A Foolometer.

Some visitors who were being shown over a pauper lunatic asylum inquired of their guide what method was employed to discover when the inmates were sufficiently recovered to leave.

"Well," replied he, "you see, it's this way. We have a big trough of water, and we turn on the tap. We leave it running, and tell 'em to bail out the water with pails until they've emptied the trough."

"How does that prove it?" asked one of the visitors.

"Well," said the guide, "them as ain't idiots turns off the tap."—Harper's Weekly.

Ice Quarried in Switzerland.

The introduction of electric railways into Alpine districts has been the means of establishing a new and somewhat strange industry—namely, the quarrying of glacier ice for distribution in large cities.

Certain of the Swiss communes have granted concessions of their glaciers for this purpose, and ice slides or V-shaped troughs have been constructed in which blocks of ice blasted out of the glacier are transported to the vicinity of the stations for conveyance, in carefully refrigerated vans, to large cities remote from the Alps.

The methods of blasting with black powder so as to avoid the discoloration and soiling of the ice, and the engineering ability displayed in erecting the slides and in providing sufficient friction by means of curves to avoid excessive speed in the downward journey of the ice blocks are spoken of by the London Times as examples of considerable ingenuity and skill.

Well-Placed Confidence.

The salesman looked somewhat downhearted, in spite of the fact that he had landed a \$2,500,000 order. He was happy, but he was fatigued. However, the effort had been worth the candle, as he discovered after a brief conversation with the boss.

The man behind the gun said, "Well, how does it feel to have a \$2,500,000 order in your pocket?"

"Darn good," said the salesman.

The boss said, "Well, we will expect you to sell \$6,000,000 worth of goods this year."

The salesman did not have energy enough to comprehend the enormity of the figures, but he appreciated the compliment of the boss in setting the goal high enough so that he had something to strive for. If we had more operators with high aspirations and the proper confidence in the quality of the stone they sell there would be more stone used.

The boss referred to above in speaking to the writer said: "Well, we have lots of business, but what is on my mind now is the proposition of putting money into greater equipment to take care of anything in the way of a contract that comes in." This enthusiasm, coming from a big man who has well-equipped quarries and cutting sheds, is worthy of emulation. This man believes in his own proposition and immediately sets his pins to conquer greater contracts. He is the real hustler in the business.

Difficult Operation.

"I wish you would get some stone yard on the 'phone for me," said the eminent surgeon to his assistant at the hospital.

"Stone yard?" repeated the assistant.

"Yes; an ossified man was just brought in, and I want a couple of stonemasons to help me perform an operation on him."—Exchange.

First on Deck.

The first caller at the new home of ROCK PRODUCTS was Captain D. McL. McKay of the Consolidated Stone Company. He was in Chicago for only a few hours, for he is a busy man at this season, covering the entire country from coast to coast. He says the volume of stone specifications this spring is unprecedented.

Hangs Out His Own Shingle.

Frank X. Gosselin, the well-known salesman of mahogany granite, has engaged in the manufacturing business in St. Paul, Minn. The new firm will be known as the Minnesota Mahogany Granite Works. The quarries are located in eastern Minnesota and said to be a very fine monumental product.

Association Idea Growing.

Mr. T. M. Avery, of the J. H. Anderson Granite Company, and president of the National Monument Dealers' Association, says that the affairs of the association are in fine shape, although there is nothing new to report except that new members are being enrolled all the time, and that the interest in the association is on the increase. Mr. Avery gave it as his opinion that the best results will be accomplished when the various states become organized. These state organizations can in turn send delegates to the National Association. Efforts are being made in several states to bring about such organizations, and ROCK PRODUCTS stands ready and willing at all times to assist in any way possible. We should be glad to hear from any dealer on the subject of the formation of a state organization.

One of the largest monument manufacturers and quarry owners in the country is Mr. J. Brunet, Cote Des Neiges, Montreal, Canada. He owns a light pink granite quarry, and shipped some three million panel blocks to Cuba last year.

The Chicago branch of the Vermont Marble Company has removed into more commodious quarters and added a large amount of stone-working equipment. In future, rough stock will be shipped to this branch and a regular marble manufacturing business will be conducted. The yard has been equipped with a 20-ton stiff-legged derrick built by the Parker Hoist and Machine Company of Chicago. The first load lifted was a block of marble weighing twenty-eight tons. All the trade in this section will be furnishing from this plant and yard, making one of the most important branches of the concern's operations.

Diamond Bortz.

(Contributed by an Expert.)

It is astonishing how little diamond merchants know about the different formations and hardness of diamonds. Take the average diamond merchant, and the majority of diamond dealers, people who have been handling diamonds, we may say almost all their lives, if shown a rough diamond only know that it is a rough diamond, and there their knowledge ends. They have no idea of its characteristics, hardness, or formation, or even what mine produces it, or that while one class of bortz or rough diamonds is admirable and best for some work, it is easily surpassed for economical usage by the production of another mine for other work. Take for instance the best class of diamond used for making draw plates, for drawing wire. This diamond, while being elegant, and by far the best for making draw plates, is totally unfit for drilling in mines, or sawing stone, and for this purpose is easily surpassed by the production of another mine, costing possibly half the price.

It is a recognized fact among merchants, who have made a study of the production from the various diamond mines of the world, that there is almost as much difference between the production of one mine and another, as there is between chalk and cheese. Take, for instance, the production of the Jargos river mine. This mine produces diamonds and bortz almost twice the hardness of the diamonds found in the Kimberly mine. Again, the Premier, the most recent mine discovered, and the most productive of any diamond mine in the world. This mine produces stones of a brownish shade but of a peculiar hardness and compactness that makes them most desirable for sawing, but again the plane of cleavage is so acute and true that for other purposes they are totally undesirable for economical usage. Again, take a Premier stone against a Kimberly (brown) stone, and the Kimberly diamond will crumble, flake, and wear away in half the time that the brown Premier will, and while the Kimberly may cost half the price, the economy in using the Premier is easily demonstrated.

Again the production of the Brazilian mines. While these mines produce a diamond in hardness and compactness surpassed only by the production of the Australian mines, the line of cleavage is so acute that they readily split in half and become very undesirable for certain work, but ideal where a sharp cutting edge is desired.

Of the many different grades of rough diamonds the production of the Australian mines is perhaps the most ideal for mechanical purposes by reason of their superior hardness and knotty intergrown crystallization, but the production from these mines of stones of any size being limited and the demand very great, the price is always very high, so much so that Jargos (black most preferable) is crowding them for first place.

Next in usefulness is the production of the Premier mine, Wesselson, Bulfontein, and so on down the line to ordinary Kimberly, the most common, and cheapest and least desirable for mechanical purposes by reason of its being of a soft, flaky and sandy formation.

Booklet 20A, issued by the Ingersoll-Rand Company, 11 Broadway, New York City, containing 20 pages and 11 illustrations, describes the new Temple-Ingersoll Electric-Air Drill. This novel device not only completely solves the problem of employing the electric current in the driving of rock drills, but avoids entirely the conditions which make the successful employment of the electric drill impossible. The drill is air-operated, with special advantages of its own, especially in the increased force of the blow struck and the great saving of power. It should be known by all who have any interest in rock cutting.

E. A. McColly of Latrobe, Pa., advises this office that he has some information to give regarding Charles Gazette, granite letterer, and would be glad to know of his present whereabouts.

The new offices of the Portage Entry Quarries Company are at Suite 617-618, 218 La Salle street, Chicago. The company moved May 1 from the Chamber of Commerce building, where it has been located for several years. Speaking of business in brownstone, Manager James Ward says that his company has had quite a good deal of inquiry and considerable new business this spring, especially with banks, churches and residences. While trade has been quiet owing to the late spring, he looks forward to an active business season.

Architertural.

ARCHITECTS IN CONVENTION.

Discuss the Higher Artistic Development of Washington and Incidentally Other Great Cities.

The eighth annual meeting of the Architects' League of America was held in the Red Room of the New Willard Hotel, Washington, D. C., April 23, 24 and 25. The meeting was well attended by representatives of the various architectural clubs in all parts of the country, and it was a decided success from every standpoint. Every delegate left for home feeling that he had been well repaid for the time spent and the expense incurred by the trip.

The delegates were the guests of the Washington Architectural Club, the George Washington University Architectural Club and the local branch of the league. W. B. Wood was chairman of the Reception Committee, Percy Ash was chairman of the Entertainment Committee and W. B. Wandom chairman of the Executive Committee.

The first session was held in the Red Room of the hotel Monday morning. E. J. Russell, of St. Louis, Mo., president of the league, was in the chair. The first business was the selection of a speaker. Aldin B. Lacey was selected to fill this office, S. C. Gladwin, of Cleveland, O., was selected as secretary of the convention.

Commissioner MacFarland welcomed the members of the society to the city of Washington. His speech was directed toward showing the delegates that Washington is one of the best developed art centers in America, and that in view of this position it should be made the permanent meeting place of the league.

"All intelligent Americans ought to feel at home where we welcome them because it is a pleasure," said he. "We have no keys to present, because our gates are open wide to all who care to come. You will rejoice to see George Washington's plans are being carried out. You will rejoice that the so-called Park Commission, the outgrowth of the National Capital Centennial of 1900, did not try to improve upon George Washington's plans, but only extended and applied their principles throughout the District of Columbia. The estimated cost of the public and semi-public buildings here is \$5,000,000. The transformation of this city since 1878, when the present form of government began its work, has been unequaled."

President Russell urged that the commissioners' suggestion be adopted. He also pointed out that not only should Washington be made the center of the league's activities, but also that a permanent secretary and treasurer be elected and stationed with headquarters in that city, to look after the society's interests. The cost of such an office and work could be paid by a small assessment on each member. He also suggested a plan to make individual membership in the league instead of by societies. This question was discussed, but action was deferred.

The delegates then listened to a very interesting paper by Hans Gherke, of Detroit, Mich. Mr. Gherke urged Detroit as the next meeting place, and read a letter from the Architectural Society of Detroit and one from the mayor inviting the league to make their city the next meeting place. An invitation was also extended by the Chicago delegates to make their city the next meeting place.

The treasurer's report was then read by J. N. Watson, of St. Louis, Mo. The president then appointed

J. P. Hynes, of Toronto, and President Wandom of the local club a committee to receive reports of standing committees.

At 2 P. M. the delegates became guests of the secretary of the Executive Committee, H. S. McAllister, and visited Mount Vernon in a procession of autos.

TUESDAY SESSION.

The morning was devoted to hearing reports of the various committees. One of the most important submitted was that of Prof. Newton Wells, of St. Louis, chairman of the Committee on Education. He spoke of the changes in architectural requirements of the present day, owing to the changes in methods and materials of construction in the modern buildings. Reference was made to the fact that Harvard University has established a post-graduate course in architecture. Percy Ash, of Washington, said that the George Washington University was going to do the same thing.



D. H. BURNHAM, CHICAGO, ILL.

Designer of the Elaborate Plan for the Artistic Development of Washington City, which was the Feature of Mr. Brown's Lecture at the Recent Convention.

A resolution was then introduced and passed that the general educational requirements for entering the technical course in architecture be broadened, with the object of raising the standard.

During the afternoon two large automobiles called for the delegates and they were carried to the White House, where at 5 o'clock they were received by President Roosevelt in the East Room. In welcoming the league, he said:

"Gentlemen, just a word by way of greeting. I wish to say that I take a particular interest in this body of men. Through your efforts you are trying to beautify the cities all over the land. We are trying to make Washington one of if not the most beautiful of all our cities. I will do all I can to back our public officials in their efforts in this direction."

After leaving the White House the delegates again boarded the automobiles and started on a tour of inspection of the new public buildings of the city. They went first to the Municipal Building, which they viewed only from the outside. They then rode past the Agricultural Building, the Capitol, the Congressional Library, the new Senate and House Office Building, but did not stop to inspect them. At the new Union Depot the entire party alighted and under the guidance of the superintendent made a careful study of the architectural features which are involved in its construction. Many of the visitors were very enthusiastic in their praise of the beautiful structure and said that Washington is to be congratulated on having added to its long list of magnificent public buildings another which is worthy to stand by the side of any of them.

The party was then taken to the residence of

Chas. M. Foulke to view his collection of tapestries, which is considered the finest in the world. The host served refreshments, after which the party returned to the hotel.

Public Lecture.

The delegates assembled in the meeting room in the evening to listen to a lecture by Glen Brown, of Washington, secretary and treasurer of the American Institute of Architects. Mr. Brown spoke on "The Artistic Development of Washington." This lecture was open to the public, but owing to the inclement weather there was a small attendance. The lecture was illustrated by stereopticon views showing the proposed plans for extending the park systems and beautifying the city of Washington. He alluded to the work now being done in other cities both in this country and abroad to enhance their beauty. He mentioned particularly and laid considerable emphasis on the large amount of money being spent both by the municipalities of London and Paris and the large amount which it is intended to spend in order to better the condition of these cities.

The plans explained and illustrated by the speaker are those proposed by the committee consisting of D. L. Burnham, architect, of Chicago, Ill.; F. L. Olmstead, landscape gardener, and Augustus St. Gaudens, a prominent sculptor. The general outline of the plans, he said, follows those of l'Enfant and Washington and showed the remarkable foresight which they had used in preparing the original plans of the city. It showed how, with the Washington Monument for a center, the new parkway would extend from the White House on the north to the Monument of the Constitution Makers on the south; from the Capitol on the east to the Lincoln Monument and Memorial Bridge on the west. He further stated that although Washington is already a beautiful city work should not cease until it is the most beautiful city in the world, and he told the members of the League that they could do much to encourage this movement.

WEDNESDAY SESSION.

The morning session was occupied in taking up the unfinished business of the convention. The president was the only officer to be elected, and J. P. Hynes of Toronto was chosen for the position. The question of the next meeting place was then discussed, and it was decided that Detroit, Mich., should be the city for the next annual, to be held in June, 1908. Detroit is considered one of the prettiest cities in the United States.

The afternoon was spent in an automobile ride through the residential part of the city.

EVENING SESSION—THE BANQUET.

The convention closed with a banquet, which was held in the hotel. The toastmaster was W. B. Wood, and the first speaker of the evening was Thomas Nelson Page, who answered to the toast, "Thomas Jefferson as an Architect." Mr. Page said that Jefferson ranked with the greatest of architects and pointed to the University of Virginia, which adorns Albemarle Hills, in the state of his birth.

Commissioner West then spoke on the relation of the municipal to the general government in the development of Washington. The other speakers of the evening were: J. P. Hynes, who spoke on the future of the League; President Russell, who spoke on the development of architecture in the Middle West; Representative Richard Bartholdt of Missouri, chairman of the committee on Public Buildings and Grounds; Max Dunning of Chicago, Ill.; Cass Gilbert of New York; J. Knox Taylor, supervising architect of the Treasury Department; F. W. Smith, Glen Brown, J. H. Woser, Percy Ash and W. B. Wandom of Washington.

THE ATTENDANCE.

E. J. Russell, Newton A. Wells, N. M. Dunning, J. N. Watson, L. L. Binghoffer, representing the St. Louis Architectural Club of St. Louis, Mo.
J. L. Steffens, S. C. Gladwin and M. A. Vinson, representing the Cleveland Architectural Club of Cleveland, Ohio.
A. B. Lacey, T-Square Club, Philadelphia, Pa.
C. D. Lennox and J. P. Hynes, Toronto Architectural Club, Toronto, Can.
H. B. Croff, S. L. Rosch and C. T. Ingham, Pittsburg Architectural Club, Pittsburg, Pa.
A. S. Alschuler, Chicago Architectural Club, Chicago, Ill.
Hans Gherke, Detroit Architectural Club, Detroit, Mich.
L. D. Howell and Walter Grierson of the University of Illinois Architectural Club, Urbana, Ill.
Arthur Jaegens, National Sculpture Society, New York, N. Y.
August Headman, San Francisco Architectural Club, San Francisco, Cal.
Del H. Smith, F. P. Sullivan, Percy Ash, Walter G. Peter, L. M. Lersening, W. W. Youngs, D. J. Lax, C. Harding, L. C. Boland, A. P. Clark, Jr., J. R. Kennedy, W. D. Morrell, J. W. McClusky, W. B. Olmstead, Percy Adams, J. C. Johnson, Charles Salin, F. Upham, Oscar Vogt, P. Watmough, John F. Wehrle, L. P. Wheat, Frank W. Smith and W. B. Wandom of Washington.

The Wisconsin Capitol to be Granite.

The Wisconsin capitol commission let the contract for the building of the state capitol at Madison to the Woodbury Granite Company, of Hardwick, Vt., on May 1. This company will furnish and lay the granite to be used in the entire construction of the building, the specifications of which call for about a half-million cubic feet. The approximate cost of this, the principal public building of the state, will be \$6,000,000.

The stone, selected unanimously by the commission after a very thorough investigation as being just what their requirements called for, is granite from the Bethel quarries of the company mentioned above. A Rock PRODUCTS man had a brief interview with J. B. Rhinehalter, the western sales manager, and George H. Bickford, the general manager of the company, to whom the credit of securing this important contract is due.

It seems that the commission some time ago thought that Wisconsin granite could be used for the porticoes, terraces and approaches, but owing to the fact that no Wisconsin granite harmonizes with the Bethel granite this idea has been abandoned. Bethel granite is almost pure white and is regarded as one of the best building stones on the western hemisphere.

The first decision definitely reached by the commission was that the Capitol when finished should present the effect of having been constructed of a pure white stone and for this reason Georgia marble was given the first preference and considered the best building specification, although there were granite advocates from the start.

After giving the matter a thorough discussion and before the final decision was reached the capitol commission, headed by Gov. J. O. Davidson, decided to make a tour of inspection to view the quarries and equipments in Georgia and in Vermont and incidentally to inspect many prominent buildings that have been constructed of both of these high-class stones.

When the party reached Atlanta they became the guests of the Georgia Marble Company and were entertained by President Sam C. Tate, who transported the entire party in a train of Pullmans to the famous white marble quarries of Georgia.

From Atlanta the Wisconsin capitol commission went to Washington, New York and Providence, where they examined a large number of the principal structures that had been erected either of marble or granite. Then they went to Bethel, Vt., where the party became the guests of the Woodbury Granite Company, and Managers George H. Bickford and J. B. Rhinehalter vied with their friendly southern competitors in making the entertainment of the visitors as pleasant as possible. The commission returned to Madison with a very large amount of direct stone information. Meanwhile the granite interests in Wisconsin had been busy and the commission gradually came to a decision and specified white Bethel granite.

The entire contract will amount to more than \$2,000,000 and several years will pass before the capitol is completed. There were several other bidders for this material and work, but from the first none were seriously considered except the two mentioned above. The competition as well as the award was conducted on the square, and all parties concerned are satisfied that they were given a fair showing.

Col. W. F. Vilas, of the commission, says that all necessary papers that have any kind of a bearing upon the contract will be completed immediately and that the contractors will proceed with the work to begin operations within the next sixty days.

The plans for the Wisconsin State Capitol were drawn by George B. Post & Sons after the work of the former capitol commission had been set aside and the first set of plans by Cass Gilbert had been withdrawn. The ground plan is cruciform, the four wings grouped about a central dome, patterned generally after Michael Angelo's famous work at Rome.

The west wing is to be built during the present summer in so far that the legislature can hold its sessions therein next winter. For this reason the contractors will equip a cutting shed on the capitol grounds with a complete compressed air plant so that a large share of the carving can be done right at the job.

The fine records made by the Woodbury Granite Company on the La Salle street station and the Cook county court house, of Chicago, as well as the Pennsylvania Capitol at Harrisburg (which, by the way, was the only portion of that job about which no contention has arisen), bespeaks for them the same systematic success with the big job at the Wisconsin capitol.



DEVEREAUX MEMORIAL CHURCH, PHILADELPHIA, PA.

Four Thousand Offices in McAdoo Terminal.

The two mammoth twin buildings, each twenty-two stories high, which are to be erected for the New York terminal of the McAdoo tunnel, together will contain 4,000 offices and will constitute the largest office edifice in the world. The buildings will be on the west side of Church street, extending from Cortlandt to Dey streets and from Dey to Fulton streets respectively, the northerly section being known as the Cortlandt building while the other will be called the Fulton building. Each one towers to a height of 275.9 feet above the curb and extends 75 feet beneath the street level. The Cortlandt building will have a frontage of 214.35 feet and a depth of 186.3 feet, and the Fulton building a frontage of 155.9 feet and a depth of 179.8 feet.

Clinton & Russell of 32 Nassau street, as architects for the William G. McAdoo Tunnel Company, have recently filed the plans for the structures with the building superintendent and it is interesting to note that there are forty-seven architects' drawings for the Cortlandt building and forty-eight for the other.

In architectural design the buildings will be similar, the Italian renaissance. The facades will be polished granite and limestone for the first four stories and ornamental brick trimmed with terra cotta above, the uniformity of the fronts being relieved by several large ornamental bays at the upper stories and by a row of Doric columns supporting a cornice below the roof, the columns being three stories in height.

There will be a row of twenty-two windows on each floor of the Church street side and twenty on Cortlandt street at each story of the Cortlandt building, while its companion will be lighted by eighteen windows on each floor of the Church street front and nineteen on each floor of the Dey street side.

There will be twenty-one passenger elevators in the Cortlandt building and seventeen passenger elevators in the Fulton building, besides a separate elevator for transporting safes. The halls of the buildings will be of marble and the entrances will be of ornamental design flanked with decorated columns and protected by large marquises of ornamental glass.

The underground floors of the buildings will be reached both by elevators and large staircases, and here the architects' plans show best, the concourse promenade with passenger waiting rooms and ticket and baggage rooms.

The total cost of the buildings is estimated at \$5,000,000, \$3,000,000 for the Cortlandt and \$2,000,000 for the Fulton building.

The limestone used will come from the Bedford Quarries Company's celebrated Hoosier quarry at Bedford, Ind., and Wm. Bradley & Son, the large cut stone contractors of Brooklyn, will shape this stone for the two mammoth structures.

Devereaux Memorial Church.

Port Deposit granite with terra cotta trimmings is the material used in the new Devereaux Memorial church, in process of erection at the northeast corner of Twenty-sixth and Allegheny avenue. The building is being erected from the proceeds of a legacy by the late John L. Devereaux, and when completed will be transferred to the City Missionary and Church Extension Society of the Methodist Episcopal church. One of the conditions of the legacy is that Port Deposit granite be used in the building. The building has a frontage on Allegheny avenue of seventy feet and a depth of 120 feet on Twenty-sixth street. It is of Gothic architecture and has a square tower at one corner. The roof covering is of slate. It combines an auditorium for church services and a chapel for Sunday-school purposes, so arranged that the auditorium and chapel can be divided by rolling partitions which can be opened so as to throw both departments into one for overflow meetings. Each part will have a seating capacity of about 400 people.

Ballinger & Perrot, Philadelphia, are the architects and engineers for the building, and the contractors F. L. Hoover & Sons, Inc.

A Musical Staircase.

The latest thing in musical inventions is a staircase which plays tunes as it is walked upon. A series of pins is pressed by the feet and plays gongs and drums, while others are connected with collapsible chambers which blow various instruments. If a man comes home about four o'clock in the morning, he can take off his shoes and walk up stairs playing a dulcet mellow air.

Sale of Stanford White's Effects.

All of the artistic property, including paintings and sculpture, as well as the house furnishings, of the late Stanford White, the renowned architect who was shot down by Harry K. Thaw on the roof of the Madison Square Garden, have been sold at public auction in New York city. The sale, which was lately concluded, resulted in a sum of \$51,532.50 being obtained from the pictures owned by the late architect, while the total sum realized from the sale, including all artistic property and household furnishings, amounted to the sum of \$177,337.

Frisco as a Phoenix.

The New York World of Sunday, April 28, says: "On the average a new building has been finished every forty-five minutes in San Francisco since the fire. The building permits issued in San Francisco in 1906 indicate that San Francisco at present is building at the rate of over \$100,000,000 per year."

Construction

The Most Costly Piece of Granite.

The Cook county court house, the great job in Chicago, which has kept the Woodbury Granite Company busy at the western metropolis for a little over a year, is now rapidly approaching completion.

An incident happened recently in the hurry of finishing the Washington street elevation. The enormous caps of granite had to be cut up and made in sections at the cutting sheds in Woodbury and the time came when shipments were rushed to the dizzy limit of the big plant. Several hundred men are employed and all were keyed up to the top notch of strenuous attention. The sectional parts of the caps were cut by different workmen, each using carefully made sectional templates and plaster-relief models. The rush shipments were checked off with all possible care and as fast as they were delivered at Chicago the great granite blocks were hauled and assembled on the job.

There are nine sections to each of these colossal caps, each of which is about twelve feet high and fifteen feet across the abacus. When the last cap was assembled for the completion of the big elevation it was found that two right-hand corners remained and that it would be impossible to complete this last cap without a left-hand corner section. John Moir, superintendent of construction for the Woodbury Granite Company, telegraphed the home offices at Woodbury the exact state of his dilemma. He was advised at once that a suitable piece of stock, properly roughed out for setting, would go forward by express forthwith. This was easy enough and amounted to a complete solution of the difficulty, because the details of the carving could be done after the stone was set in place in the cap and without delaying the progress of the work.

An illustration is shown on this page of Mr. Moir standing directly under this piece of granite after the carving was completed and before the scaffolding had been removed. As it stands in the job this corner piece is certainly the highest priced piece of granite on earth. The express charges alone amounted to \$575. It was shipped from Woodbury on a flat car, chartered by the express company, and upon arrival in Chicago was delivered to the job only after a special arrangement had been made by the express company for trucking the heavy piece of stone.

This incident shows the enterprise of the contractors, who went to such length and put forth such effort to maintain their reputation of always being on time with their work.

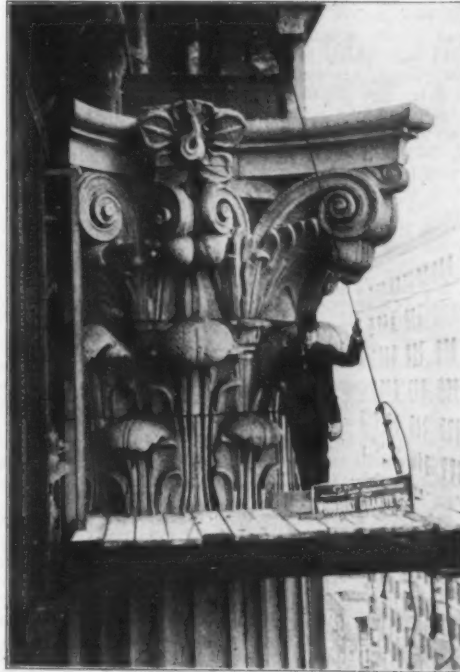
The granite work on the Cook county court house will probably be completed by the middle of July—certainly by the last of August.

New City Hall for Chicago.

The committee on buildings in the city council has decided that Chicago is to have a new city hall on the site of the present building. An appropriation of \$500,000 has already been made for the demolition of the old building and Alderman Badenoch, who is chairman of the committee, states that the contracts for the sinking of the caissons and all preliminary work will be let very shortly. No architect has been engaged as yet. The plans of the committee are to make the city hall a counterpart of the county building, which is now in course of construction. The architects of this building are Holabird & Roche, whose offices are in the Monadnock Block. The building will be eleven stories high and of the same material as the county building—that is, granite with terra cotta trimmings exterior. The estimated cost is about \$5,000,000, and the appropriations will be made by the council as the work proceeds. Work of demolishing the building will be started as soon as the council adjourns for the summer. The city hall as it stands is in the most dilapidated condition as well as unsanitary. Many accidents have narrowly been averted by closing entrances. The city is sadly in need of a new hall, and it is hoped that the work will be rushed with all possible speed.

New York Contractors Kick at Water Rates.

There is a great stir among Bronx contracting firms over the recent raise in water rates applying to water used in constructing buildings, and they intend to make trouble for Commissioner John J. O'Brien,



GRANITE CAPS CUT IN SECTIONS FOR COOK COUNTY COURT HOUSE. THIS CORNER IS THE HIGHEST-PRICED SINGLE PIECE OF GRANITE EVER CUT.

whom they charge with exceeding his authority and arranging things to increase the patronage of his office as water commissioner. The rate in effect until recently was \$5 per month for water for every type of portable boiler. This has been increased to \$13.64 per month for 20-horsepower boilers and \$26.25 for 40-horsepower boilers per month. To say the least of it this seems to be spreading it on rather thickly and the result is that there is no end of complaint among the Bronx contractors, especially among those with large contracts on hand at present.

Michael J. Leahy, president of the Contractors' Association of the Bronx, has complained to the water commissioner and among other things has pointed out that where water for a 20-horsepower boiler would recently have cost \$60 per annum, the cost under the new rates would be \$1,201.44 per year. He also says that if the water used in such a boiler was actually metered it would be found to amount to about 15 cents per day, or less than \$47 per year.

Mr. Hecht, deputy water commissioner, says that the reason for the raise was that the contractors damage hydrants and waste a great deal of water.

Brooklyn Shows Great Growth.

The report of building operations in Brooklyn, N. Y., for the month of April are especially gratifying

and should prove a source of encouragement to builders and contractors in other boroughs. The estimated cost of building operations in Brooklyn for last month as passed on by the bureau of buildings amounted to over \$10,000,000. This is said to be a record month in the growth of the borough and exceeds by 100 per cent the total for the corresponding month last year.

The work of the building department has so increased in Brooklyn that Borough President Coler is contemplating asking the board of estimate for an additional appropriation with which to increase the facilities for handling the extra amount of work.

Peirces Get Library Contract.

The contract for finishing the interior of the New York Public Library, at Fifth Avenue and Forty-second street, was awarded to the John Peirce Company on their bid of \$3,330,000, which was the lowest received by the board of estimate, who had the matter in charge. Including this last contract the entire cost of the building so far is \$10,000,000.

New Theater in 'Frisco.

It is reported that H. W. Bishop has leased the property at Ninth and Market streets for a period of years and will erect a theater which, he declares, will be finer than the former one.

Commence Work on New School.

GENEVA, N. Y., May 1.—Work was commenced today on the \$30,000 addition to the St. Francis de Sales School. The addition will be added to the north side of the present structure and is to be 105 by 40 feet. The whole of the exterior architectural design will be changed, making it one of the handsomest buildings in this city. B. L. Gregory, of Elmira, N. Y., has the contract for the work.

Utica to Have Two Schools.

UTICA, N. Y., April 20.—The school board of this city has decided to build two new school buildings to cost about \$60,000 each. In a competitive contest many sets of plans were submitted and the architects chosen to furnish the plans were John A. Hobbes and G. E. Cooper, both of this city. Each school is to have sixteen rooms, one to be 178 by 114 feet, and the other to be 160 by 175 feet.

Work Begun on New Depot.

SALISBURY, N. C.—The Central Carolina Construction Company, of Greensboro, which has the contract for the erection of the \$100,000 passenger station, has begun work on the new structure. It is expected that it will be completed in about a year.

New Theater for Greenpoint.

NEW YORK, April 30.—Percy Williams, the well-known theatrical manager, is to erect the long-proposed theater in Greenpoint. It will be a vaudeville house and will be located on Calyer street, between Manhattan Avenue and Lorimer street. Plans are being prepared and the work of building will be started at once.



WISCONSIN STATE CAPITOL AS DESIGNED BY GEO. B. POST & SONS TO BE BUILT OF BETHEL GRANITE.

From Our Own - Correspondents.

GREATER NEW YORK.

The general gloom which hung over the building situation in New York at the beginning of last month and which seemed to some an impenetrable cloud is gradually being lifted and all connected with the building trades feel more or less encouraged.

There is undoubtedly a great improvement in the situation, and the month of April has made advances far out of proportion to the preceding month. If for no other reason, the marked improvement is quite remarkable on account of the fact that there has been practically no weather favorable to building during the month, but instead late snows and abundance of rain have interfered with still greater progress which would doubtless have been manifested. In fact so unfavorable have been the weather conditions that some of the most experienced put this forth as the prime reason for the present depression. However, in summing up the situation we must not fail to take into account the tightness of the money market, which though to some extent has relaxed, still remains uncertain. A keen observer might well express wonderment at the great improvement made during the month of April, which has come in the face of all these obstacles and evidenced itself in spite of panic talk, calamity howling, railroad agitation, trust "busting," and hundreds of other things calculated to upset the financial equilibrium. We must also remember that next year will witness another presidential election.

One very old timer adds to the causes of present dullness the fact that last year witnessed the building of a very large, in fact, unprecedented number of apartment houses and such structures, and now like the man who has feasted gluttonously the building trades must wait for digestion to perform its work. There is certainly no reason to wonder why the present year should not be expected to fall behind the previous one, and every one associated in the trade should feel encouraged over the wonderful improvement manifested even in the face of so many obstacles. Indeed, some continue to be optimistic to the greatest degree and taking heart in seeing the increased number of late building projects which have been announced, and further encouraged by seeing their own books filling with orders, freely express the opinion that a matter of a few weeks, some good spring weather, and the city will witness a real building boom. This optimism is based entirely upon the improving conditions.

Speculative operations in Brooklyn may be checked for a time over the failure of the city to obtain bids for the extensions of the subway surface there. However, building operations, which have been most active, will not be impaired to any great extent, since the utmost faith is manifested in Brooklyn's future. Failure of the city to receive any bids for the construction of new subways in Manhattan will doubtless have an influence on present speculative operations in this borough and outlying districts, yet the completion of tunnels and bridges will do much to promote activity in other sections.

Summing up the situation, it may be said that, taking the conditions as a whole, this year so far is not up to the standard, while the month of April has shown a marked improvement over its predecessor, which should please every one connected with the building lines.

The Pennsylvania Builds a Church.

There was one plot in the site of the new terminal of the Pennsylvania railroad which the company hesitated to condemn yet one which they must have in order to complete the excavation for its mammoth station buildings and tunnel terminals. This was St. Michael's Roman Catholic church on Ninth avenue between Thirty-first and Thirty-second streets. It

was proposed to the church authorities that the railroad secure a new site for them between Thirty-third and Thirty-fourth streets and erect thereon a new church, convent and parish school, which would be exact reproductions of the former buildings. This proposition was accepted and according to the contract the railroad people removed the entire front of the old church, with its facade of carved limestone, to the new site, where it is now set up exactly as it was, making the new building appear as if it was the old church picked up bodily and moved to a new location. The cost of the structures exclusive of the purchase price of the land has been upward of \$500,000.

A twenty-story office building, which is to cost about \$2,000,000, is to be erected at Nos. 15-17-19 Maiden lane, running through to 18-20-22 John street. This will be known as the Jewelers' building. Mr. Edward Holbrook, president of the Gorham Manufacturing Company, is the leading spirit in the new company organized to build the skyscraper, and the matter of preparing plans has been placed in the hands of Clinton & Russell of 32 Nassau street. The structure will probably be ready for occupancy about May, 1908. As yet no contracts of any kind have been awarded for the job.

Schwartz & Gross, 35 West Twenty-first street, are preparing plans for a six-story apartment house to be erected by Henry T. Bulman, a general contractor. The building will occupy a plot 113x113 feet at the southeast corner of St. Nicholas avenue and One Hundred and Sixty-fifth street, Washington Heights, and will cost about \$175,000.

The Realty Holding Company, 907 Broadway, will erect a twelve-story store and loft building on a plot 50x110 at 30-32 West Fifteenth street. They will also build a seven-story structure at 124 West Eighteenth street which will cost about \$45,000. Rouse & Sloan, 11 East Forty-third street, are the architects for the latter.

J. C. Cocker, 103 East One Hundred and Twenty-fifth street, is preparing plans for the erection of six six-story flats for Louis Meryash, which will be located on the south side of Manhattan street 150 feet west of Broadway. The cost will approximate \$360,000.

L. F. J. Weiher, 103 East One Hundred and Twenty-fifth street, is drawing plans for the erection of two six-story flats for the McKinley Realty Company, 951 Sherman avenue, to be built on the northeast corner of Lenox avenue and One Hundred and Thirty-fifth street at a cost of \$140,000.

A Fifth Avenue Limestone Palace.

Hale & Rogers, 11 East Twenty-fourth street, are at work upon plans for a \$500,000 mansion to be erected by E. S. Harkness on the corner of Fifth avenue and Seventy-fifth street. The structure, which will have a facade entirely of limestone, will be five stories in height and of Italian renaissance architecture.

Three notable structures completed and thrown open to use during April are the Harlem hospital, built at a cost of over \$600,000; the new building of the Chemical National bank, costing \$600,000; the new home of the Automobile Club of America, erected at an expense of over \$1,000,000, and the new building of the Engineers' Club, costing \$1,000,000, including the site.

The trustees of the Russell Sage estate announce that the fund which they set aside for loans on real estate is now exhausted. The estate has loaned a total of \$18,000,000, all on Manhattan property.

Jacob Axlerod will erect a six-story apartment house at the southwest corner of Morningside drive and One Hundred and Eighteenth street. It will front 100.11 feet on the avenue and 105 feet on the street. It will have facades of brick and stone and is to cost \$160,000. The architect is G. F. Pelham, 503 Fifth avenue.

Apartment Houses for Harry Lehr

Plans have been filed for two six-story apartment houses to be built on One Hundred and Tenth street just east of Fifth avenue for Harry Lehr as owner. Each will have a depth of 62½ feet and a width of 58 feet, with facades of limestone and brick. The total cost is estimated at \$160,000. Maximilian Zipkes of 147 Fourth avenue is the architect.

The Rosehill Realty Company will build two six-story flats, each 37x85.9 feet, on the north side of Fortieth street eighty-one feet west of Second avenue. Architect C. M. Straub estimates the cost at \$76,000.

A six-story and basement fireproof building will be erected at 224 William street by August Zinsser of 38 Park Row which has been leased on the plans to the Raynor & Perkins Envelope Company through the Charles F. Noyes Company for a term of twenty-one years. The structure will cover a plot 83x114 feet.

Schwartz & Gross, architects, 35 West Twenty-first street, are preparing plans for two six-story high-class apartment houses which the Burlington Realty Company intends to erect in the near future on a plot 75x200 feet in the north side of One Hundred and Thirty-ninth street about 100 feet west of Broadway, with a frontage in One Hundred and Fortieth street. The cost will be about \$200,000.

Lowe & Jorrich will build two six-story elevator apartment houses covering a plot 75x200 feet in the north side of One Hundred and Fifty-first street about 150 feet east of Broadway, extending to One Hundred and Fifty-second street. Neville & Bagge, 215 West One Hundred and Twenty-fifth street, who are the architects, estimate the cost at about \$200,000.

Neville & Bagge are also preparing plans for the erection of a five-story brick flat in One Hundred and Eighty-fifth street for T. Smith, 52 West One Hundred and Seventh street, owner. Cost, about \$50,000.

Rossiter & Wright, architects, 110 East Twenty-third street, have filed plans with Building Superintendent Murphy for an eleven-story apartment house to be erected at the northeast corner of Lexington avenue and Sixty-seventh street for the Nine Hundred and One Lexington Avenue Corporation. It will have a frontage of 90.5 feet and a depth of 59 feet, facades of brick with limestone trimmings, and will cost \$275,000.

Plans have been filed with Building Superintendent Murphy for a new six-story apartment house to be built for the Apartment Construction Company on Ninety-seventh street 100 feet east of Madison avenue. It will have a frontage of 100 feet and a depth of 87.11 feet, constructed of brick and limestone, and will cost about \$175,000, according to the estimate of the architect, who is G. F. Pelham of 503 Fifth avenue.

New Home for Greenwich Bank.

Plans have been filed for a new six-story office building to be built for Adam Engel, as owner, for the Greenwich Bank of Hudson street, as lessee, at the northeast corner of Sixth avenue and Thirty-fifth street. The new building will cost about \$60,000 and will have a frontage of 24.8 feet on the avenue and 100 feet on the street.

Probably the first instance on record of a business structure being made over into a dwelling in New York is in the case of the building at 37 West Fifty-first street. Two years ago this building, which is in the middle of a block of dwellings, was altered in order to attract business tenants. They were not forthcoming, however, and the property will now be changed back again into a dwelling.

Samuel Weil is erecting a twelve-story fireproof warehouse building at 116-118 West Fourteenth street on a plot 50x106, which adjoins the Salvation Army headquarters. Louis Korn is the architect who designed the structure.

Thomas W. Lamb of 224 Fifth avenue has been commissioned by Eli J. Reiser to prepare the plans for a three-story mercantile building to cover a plot 25x100 feet at 311 West Fifty-ninth street.

The plans for a new eleven-story loft building to be erected at 16-20 West Thirty-second street for the Thirty-second Street Building Company have been filed with Building Superintendent Murphy. The structure will have a frontage of 66.4 feet and a depth of 85 feet, with an extension, and will have a facade of brick trimmed with limestone and terra cotta set in ornamental iron. This will be known as the Jaekel building and its approximated cost is \$175,000. The architects are Clinton & Russell.

Architects Schwartz & Gross are preparing the plans for a twelve-story fireproof mercantile building which will occupy a site at 6-8 West Twentieth street. Edward Friedman and Isidor Mishkind have bought the present property on the site, which will be torn down in May, when work will immediately begin on the new structure, which is expected to be ready for occupancy by February. The owners have formed a corporation for the project, which is known as the Six & Eight West Twentieth Street Company, with offices at 156 Fifth avenue. The entire transaction will represent an outlay of \$450,000 or more. J. Raciek will build a four-story factory 114.6x75 feet at 607-611 West Fifty-fifth street. In plans filed by Architect J. W. Cole the cost is placed at \$15,000.

Benito Rovira will build a six-story structure 117x100.5 feet on the north side of Sixty-second street, 118 feet east of Second avenue.

The Elsmere Realty Company, 543 Broadway, has commissioned Charles Kreymborg, 1146 Jennings street, to prepare plans for seven four-story flats to be built on the north side of Elsmere place about 140 feet west of Southern boulevard, at a cost of about \$140,000.

The Fruit Auction Company, of which Lowell C. Briggs is president, will erect a ten-story office and store building at the northwest corner of Franklin and Washington streets, with a three-story annex for flats and stores adjoining on Franklin street. The main building, which will be of ornamental brick, will have a frontage of 87.5 feet and a depth of 75 feet and is to cost \$105,000, while the annex will cost about \$10,000.

Architects Bernstein & Bernstein have filed plans for a six-story flat building which will be erected on the north side of Forty-third street 200 feet west of Ninth avenue for J. Weinstein at an approximate cost of \$50,000.

Neville & Bagge are completing plans for a six-story apartment house to be erected by John W. Eight at the northeast corner of Broadway and One Hundred and Forty-fifth street. The cost will be \$150,000.

L. F. J. Wieher is preparing the plans for an apartment house to be erected in the west side of Edgecombe avenue about fifty feet south of One Hundred and Forty-fifth street for the Arnold Realty Company, Simon Marcus, president. The cost will be about \$175,000.

New \$140,000 Public Bath for Bronx.

Plans have recently been filed with Building Superintendent Reville for a new two-story free public bath to be erected at the southeast corner of Elton avenue and One Hundred and Fifty-sixth street. It is to be of brick, with trimmings of ornamental stone, and will front 67.5 feet on both the avenue and street and have a depth of 58 feet. It is to cost \$140,000. The city's architect is Michael J. Garvin.

A five-story apartment house covering a plot 50x110 feet will be built by Edward Nicholson in the north side of Tremont avenue about forty-one feet east of Marion avenue. John C. Cocker, 103 East One Hundred and Twenty-fifth street, is the architect. Cost, about \$60,000.

Three six-story flats will be built for Ignatz Roth at the southwest corner of Bathgrave avenue and One Hundred and Seventy-fourth street at a cost of \$123,000.

The city will build a four-story school building on One Hundred and Fifty-seventh street east of Cortlandt avenue which will cost \$130,000.

A. J. Schwarzler, 1340 Brook avenue, will erect four six-story flats on the east side of Brook avenue 100 feet south of One Hundred and Seventy-first street, Bronx, to cost \$120,000.

George F. Pelham, architect, has filed the plans for ten five-story flats to be erected for Louis Donowitz on the west side of Cypress avenue 100.6 feet north of One Hundred and Fourteenth street, the cost of which will be about \$420,000.

A two-story library building, New York Public Library, owner, will be built at 1280-1290 Franklin avenue at a cost of \$65,000. Babb, Cook & Willard are the architects.

The Rickert-Finlay Realty Company of 1 West Thirty-fourth street, Manhattan, has purchased 440 lots in the Steinway avenue section of Long Island City, upon which they will build four and five story flats similar to those being built in the Bronx and in the Yorkville section of Manhattan, directly opposite Long Island City.

Mr. K. F. Albertson of the New York Granite Company, whose office is in the St. James building, says that the monument business looks very favorable at the present time. The weather in the West has allowed a great deal of work to be set up, with the result that things have begun to move. Every indication points to a very prosperous year, according to Mr. Albertson. The only trouble experienced is the delayed handling of freight, which has always been more or less a thorn in the side of granite men.

The Flint Granite Company, 1133 Broadway, report favorably regarding business prospects for the coming season. Already they are exceedingly busy in their large shops at Albany. Mr. Flint, president of the company, had a rather exciting experience on the morning of April 30 while on a river steamer returning from a visit to Albany. The steamer carrying Mr. Flint, when nearing the city, crashed into and sank a steam lighter. The accident was caused on account of a dense fog which overhung the river, although Mr. Flint and a party of travelers standing in the bow of the boat witnessed the accident. The engineer of the lighter was drowned, the steamer proceeding uninjured.

Through the efforts of the Knights of Columbus, the last Congress appropriated \$100,000 for the erection of a monument to Columbus in the city of Washington. This is the first memorial to Columbus erected by the United States government.

CHICAGO, ILL.

The cut stone business in Chicago is in about the same condition as it was last month—that is, very quiet. It was hoped that April would see an improvement. There has been a large amount of work figured by the contractors, but no large contracts let lately. The planer men, of which there are about fifty employed in Chicago, demanded an increase of 5 cents per hour and were granted an increase of 2½ cents by their employers. The scale now paid is 47½ cents per hour and time and a half for over eight hours' work. It is said that this is considerably more than is paid in other cities and nearly as much as the stone cutters are paid. This pay for a planer man is excessive, as they are merely laborers, as a man can become an expert in a year's time.

It is reported that the stone cutters in the Milwaukee, Wis., stone yards were on a strike, but May 1 the larger firms made an agreement with the national union, who put men to work.

"We find it a paying investment to keep our machinery, buildings and all equipment in the best of repair," said a large cut stone contractor. "A little paint goes a long way to help make a good appearance. It is a sign of up-to-dateness, and then it preserves the materials. A crane should be painted at least once a year, for if it is allowed to rust it will soon wear through the iron."

Henne & Co. have one of the largest and best equipped cut stone yards in the city. Mr. Haarsch, the manager, said they had several important cut stone contracts on hand. They are furnishing the stone work on the St. Stanislaus church and have just started setting the stone in the new Lyman Trumbull school, a large manual training school for boys. The cut stone in this building will amount to about \$30,000. One important building they are now working on is a memorial chapel and vault which is now being built at the Montrose cemetery. The building was designed by the Joseph Pappjeau Company, which designs monuments, mausoleums, etc. The value of the stone work in this is about \$20,000. The steps are of granite. Two memorial wings on this chapel are to be used as sarcophagi. A crematory will be built in the basement. The yard has capacity to turn out large jobs. They have four sets of gangs, one Scoville double planer and one Lincoln double planer and two single planers, one Anderson Diamond saw and a steam traveler. All this machinery is operated by steam. A large derrick used for handling the stone from the cars to the shed is operated by electricity.

The yard of Edwards & Ward is busy working on a large residence for Victor Lawson, to be of Bedford stone. It is on Sheridan road and Burton place. They are also setting the stone in the new St. Vincent's college, which they hope to complete shortly.

"Business with us is good," said Charles Fanning of Furst & Fanning. "We are working on the St. Columkill's church and have just finished the stone work on the new warehouse for Sprague, Warner & Co. We also have the cut stone work on the Carnegie library at Stoughton, Wis., which we have not started yet." Mr. Fanning said that equipping their plant with electricity was more satisfactory than steam operation. The gang-saws are operated by one motor, the traveler has its individual motor, the planers are operated by another motor, and the Diamond saws have their motor. Thus each set of machines can be operated separately and without a loss of power by running all machines.

The California Cut Stone Company has increased its capital stock from \$2,500 to \$15,000.

Frederick A. Colgren, Sixty-first and Dearborn streets, has incorporated the company bearing his name, which will hereafter be known as the Colgren Cut Stone Company. The incorporators were Frederick A. Colgren, William A. Colgren and Charles A. Colgren. They will also do cement construction work.

The Thompson, Starret Construction Company has the general contract and is issuing specifications to the cut stone contractors for the Masonic Temple at Washington, D. C. This building is to cost \$1,500,000.

Architect Charles Lorenson, 660 Maplewood avenue, is issuing specifications of plans for an Evangelical Lutheran church to be constructed of Bedford stone. The church is to be erected at Hirsch and Washtenaw avenues.

One of the largest cut stone yards on the South Side is that of Tomlinson & Riley, at Thirty-ninth street and Stewart avenue. They have been unusually busy lately and have several large flat buildings to their credit. They have secured the cut stone

contract for the new building for the Chicago City Railway Company, which is to be at Thirty-ninth street and Cottage Grove avenue. Their yards are well equipped to take care of large jobs. Besides an Anderson Diamond saw they have four gang-saws, one Scoville double planer, four Hatch planers, one turning lathe and a steam traveler to handle the stone. They have their blacksmith shop, which keeps tools and machinery in repair. Mr. Riley personally superintends the work in the yard.

John Tait has returned from his trip of six weeks at Hot Springs, Ark. His yard is piled high with the marble he is cutting for the Armour residence at Lake Forest. Work on the construction of this residence was started this week.

The Olson & Nelson Cut Stone Company has been incorporated for \$5,000 to quarry and deal in cut stone.

W. McMillan & Son, whose office is in the Chamber of Commerce, report that they have been shipping stone from their Peerless quarry, which has proved to be of the highest quality. They are at present furnishing to the contractors the stone for a church at Forty-seventh street and Ellis avenue and one at Springfield and Taylor streets.

W. A. C. Smith, the treasurer of the Bedford Quarries Company, has gone to the Cleveland office of the company.

The Henry Struble Stone Company has its mill at Bedford in operation and reports that it has several contracts on hand.

PITTSBURG AND VICINITY.

PITTSBURG, April 24.—Business, which had been rather quiet up until the past month, has commenced to boom with the coming of spring, and there is every indication that the coming season will be one of the busiest in the history of this territory.

The marble and granite workers in particular are most jubilant over the outlook, as they claim that there will be more work done in the local cemeteries during the next six months than there has been in the past two years. And a large portion of the work will be of the better and more costly kind, calling for the use of many more skilled men than have been at work here for some time.

Residence construction will also be good this summer, as there are plans in the architects' offices for a large number of fine stone residences as well as a number of good business blocks, which will be of stone or will have a great deal of cut stone trimming.

Local representatives of the big stone dealers and quarriers say that, although they have no particularly large orders on hand, the business has been coming in in such volume through the smaller and more expensive orders that they have been kept busy. Their most serious complaint is against the railroads, which have been holding up shipments for weeks after they should have been received here, Pittsburgh having been in the grasp of a serious freight congestion for some months.

Many of the Pittsburgh dealers in stone, granite and marble have been talking for some weeks of organizing a local association for the protection of their business and also to promote sociability among the members throughout the entire Pittsburgh district. Later, out-of-town dealers and agents will be asked to come into the association, and from present indications an excellent future is practically assured.

The Calwell Granite Company has moved from the Ferguson building to 601 Farmers' Bank building, Pittsburgh, Pa.

Mr. W. D. Hadger, for the past five years Pittsburgh representative of the Alberine Stone Company of New York, has resigned his position with that concern and will have charge of Pittsburgh and western territory for the Asbestine Stone Company, 55 Congress street, Boston, Mass.

Mr. W. J. Howarth, for many years prominent in the marble business at Washington, Pa., died at his home in that city early in April. He was 75 years of age and one of the best known cutters in the Pittsburgh district.

A charter has been granted to the Rodgers Coal & Stone Company, of Clarion, Pa., the incorporators being Messrs. J. C. Rea, N. A. Rea, G. J. Howe and T. L. Howe. The company owns valuable limestone and sandstone quarries in Clarion county, and will start at once to place this material on the market. The latest improved machinery for cutting and planing is being installed and a specialty will be made of screenings, curbing and rubblestone. The company also possesses valuable coal properties which are now in active operation.

The Gocella Stone Company's quarries at Falls Creek, Pa., which have been closed down for some months, have resumed operations and the usual quota of men is now working steadily. During the shutdown considerable new machinery was installed in

anticipation of an unusually busy season. The company has a large number of orders on hand, among which are those for the stone to be used in the construction of several of the state roads to be built this summer in Jefferson county.

John Bacon, Jr., of Uniontown, Pa., has leased the quarries of William H. Hellen and will operate them during the coming summer, making a specialty of foundation stone, ballast, screenings, sand and curbing.

The Susquehanna Marble Company has been organized at New Cumberland, Pa., and will operate several quarries in that vicinity. High grade ornamental building stone has been found in large quantities there, for which there is excellent demand throughout the state. Charles Sterline is president of the new company and J. H. Reiff is secretary. The general offices of the company will be at New Cumberland.

The Neal Granite and Marble Company, Market street, Meadville, Pa., has purchased the Hay property, adjoining their present building, and will erect thereon another building 20x30 feet. The company will also install considerable new carving and lettering machinery, and the working force will be increased. Mr. M. H. Curry, manager of the firm, states he has orders for a large amount of monumental work throughout western Pennsylvania and eastern Ohio and that a busy season is assured. The company has been located at Meadville, Pa., but eighteen months, and in that time has twice been forced to expand.

The Murdock-Shaw Company, of Boston, Mass., has the contract for furnishing the Italian marble and mosaic marble work for the new bank room of the Clinton County Trust Company, at Lock Haven, Pa.

Architect James T. Steen will move from the Pittsburgh Life & Trust Company building to the twelfth floor of the Fulton building, and Architect William Y. Brady has moved from the Farmers' Bank building to the seventh floor of the Lewis block, Pittsburgh, Pa.

George D. Steele, Pittsburgh correspondent of ROCK PRODUCTS, has moved his offices from the Ferguson building to the new twenty-story Commonwealth building on Fourth avenue, occupying rooms 1410-12. The telephone number has been changed also and is now Court 2408. Items of news will be appreciated at all times.

BUFFALO, N. Y.

BUFFALO, April 25.—The death of David E. Snyder, proprietor of the Lockport (N. Y.) Marble and Granite Works, occurred recently in that city of apoplexy. For several years Mr. Snyder was a supervisor in Lockport and in that capacity was largely instrumental in having the Niagara county, New York, court house erected.

A report from Binghamton, N. Y., says that the Isaac Lauder Sons Co., marble and granite dealers, has been dissolved, W. S. Jennings retiring. The firm will now assume its old name, Isaac Lauder & Son.

The mason contractors of Rochester, N. Y., have effected an agreement with the laborers under their employ in regard to the wage scale for the coming year. The contract will end April 15, 1908.

A monument will be erected in memory of Capt. James H. Hooker, a wealthy man, who died recently in Rochester, N. Y., leaving the greater part of his estate to the government. Mr. Hooker had the following clause inserted in his will: "My body is to be buried on my farm at Galesburg, Knox county, Ill., on the hill east of the town, and a suitable monument erected over my burial place, and enclosed in high iron posts and wire fence, to cost \$20,000. The material is to be substantial and, if possible, to withstand the destroying hand of time."

It is said that the shipments of stone from Owen Sound, Canada, to Toronto, Ont., are showing improvement with the increased supply of cars.

A handsome monument is to be erected by the state of Pennsylvania, near Erie, this year. The memorial will mark the end of the old state line which divided Pennsylvania from the "Triangle," the little corner of land which gives to Pennsylvania a front on the Great Lakes. Memories of the early struggles of the United States will be recalled by the monument. More than a century ago several states laid claim to the little corner lying on Lake Erie between New York state and Pennsylvania. The land was finally deeded to Pennsylvania by an act of Congress, the deed being signed by President George Washington and Thomas Jefferson. The old boundary line is marked by milestones. The monument will be erected upon a high bluff overlooking

Lake Erie at the point marked by the 259th milestone.

Fire caused by an explosion in a compressed air tank recently occurred in the Foley Brothers' Marble Works at Olean, N. Y. The damage was slight.

Carl Heber's design for the Schiller monument to be erected in Anderson Park at Rochester, N. Y., has been selected by a committee from among forty-three designs submitted in the competition. The corner stone will probably be laid July 28. The monument consists of a bronze bust of the poet on a granite pedestal. The competition for designs was open to all the sculptors of this country. Carl Heber, whose design was accepted, came to this country from Germany when he was one year old. He studied extensively abroad. Among his most notable work was the preparation of statuary for the Pan-American Exposition at Buffalo.

A committee appointed by Mayor Cutler of Rochester, N. Y., has selected a design for the monument to be erected in the Holy Sepulchre Cemetery in the Flower City. The design was furnished by Mrs. Sallie James Farnham of New York. It is a Celtic cross surmounted by an American eagle, symbolizing religion and patriotism. The Grand Army Post of Rochester expects to spend about \$10,000 for this and another monument.

Nearly all the carved stone columns, sills and the window and door traceries of the new Knox Presbyterian Church in Toronto, Ont., are completed. The structure will cost about \$150,000 and will be one of the most beautiful churches in Canada. The building is Gothic style and carefully selected Queenstown limestone is the material used in the exterior framework. The church will have an imposing spire 250 feet over all. Three large oaken doors, with Gothic doorways, separated by groups of blue limestone columns, afford entrances to the church. The main entrance communicates with a long vestibule of mosaic floors. The auditorium will be decorated with plaster ornaments. J. Wilson Gray is the builder.

Architect Osgood Holland of Buffalo has prepared plans for a new church to be built by the Presbyterians of Alden, N. Y.

An addition to the Holy Angels' Academy in Porter avenue, Buffalo, will be built at a cost of \$80,000.

Building operations in Rochester, N. Y., in March totaled \$1,189,840. The figures for March, 1906, were \$903,983.

The Buffalo Historical Society's building is being repaired. Secretary Serevance of the society said: "In the basement we are replacing plaster and cement work with Tennessee marble baseboards and wainscoting, and setting marble bases to pillars which heretofore were finished in plaster. This plaster work, hastily done and damaged by water in Pan-American year, has gone to pieces. The marble stones at the south approach of the building, under the great portico, are displaced and the supporting piers need reconstruction."

Assemblyman Moreland has introduced a bill at Albany, N. Y., providing for appropriations that total \$115,700 for new buildings and improvements for the Rochester (N. Y.) State Hospital.

The congregation of St. Thomas' Church of Toronto, Ont., has decided to spend \$50,000 to enlarge the church and build a parish house.

Norcross Bros. of Worcester, Mass., have the contract to erect a new office building for the Royal Bank of Toronto. The architects are Carrere & Hastings and Eustace G. Bird of Toronto. The building will be six stories high and of Venetian design, and the facade will be of marble. The building will cost about \$200,000.

There is said to be quite a building boom in Fort William, Ont. A Masonic building will be erected at a cost of \$25,000 and plans for a new \$40,000 hospital have been prepared by Architect Ellis of Toronto. Contractor Joseph Lebrun has received the contract for the new Catholic church which will cost \$12,000. Several other structures are also planned.

The Tempest Knitting Co. of Perry, N. Y., will build a new mill, 50x120 feet, two stories high. Plans have been drawn by George A. Ricker of Buffalo.

The plans of Architect Thomas W. Harris of Buffalo for the complete remodeling of the Dunkirk, N. Y., high school building have been accepted.

John H. Oxhead, Buffalo architect, has been awarded the contract to draw plans for the new North Baptist Church of Detroit. The church will be of stone and will have a seating capacity of at least 1,000. The building will cost about \$75,000.

The First Unitarian congregation of Schenectady, N. Y., will build a church at a cost of about \$25,000.

A big fire-proof warehouse, costing about \$240,000, will be built at Carroll and Van Rensselaer streets, Buffalo, by the Larkin Company.

PHILADELPHIA, PA.

PHILADELPHIA, May 1.—A careful canvass of the stone industries at this time discovers a quietus reaching up through New York and eastward; it is not so strongly felt in the Pennsylvania district. The stringency in the money market is deduced as one of the principal causes, and investors find it difficult to get financial backing. Another drawback is the strike, which has been on for some time and which is most unfortunate coming at a time when so many structures are in process of erection. This strike does not concern the question of wages nor hours, but has grown out of a dispute between the bricklayers, stone masons and stone cutters, and it is just possible a strike by all the members of the Bricklayers and Masons' International Union, in sympathy, may be the result. The point at issue is, who shall set cut stone on buildings? The bricklayers and stone masons claim the right, while the men who prepare the stone insist that it is theirs, and the bricklayers decline to back up the stone set by the cut-stone men. A meeting was held at the Builders' Exchange by the advisory board of the Master Masons on April 23 to consider the question at issue, but apparently no decision was arrived at, and so further developments are awaited. Among the buildings affected by this strike are the Girard Trust Company's building at Broad and Chestnut streets; William Penn theater, Fairmount and Lancaster avenues, and a number of public school buildings. The leaders of the Bricklayers and Stone Masons' International Union and the Stone Cutters' Union are on hand directing affairs for their respective concerns. It is believed that the bricklayers are adverse to mingling in the fray, but, being closely allied with the stone masons, may be persuaded to join and back up the latter in this controversy.

Building operations otherwise are apparently in fair shape, but the backward spring has interfered somewhat with out-of-door work.

Permits for large stone edifices come in slow, although some fair sized contracts have been awarded. The Bedford and Blue Ridge material seems to be very popular at this time, though Port Deposit granite meets with much favor in some quarters. Values, on the whole, keep normal, although prices have gone up a little on the New York delivery. The railroad service continues as inadequate as ever, and there is no sign of even a remote improvement.

The stone from some of the eastern Pennsylvania quarries is not greatly in demand, as it is used mainly for bridge building and heavy masonry work, and, as authorities state, the railroads are doing but little bridge building just now. The main business is only in repair work.

Visiting the Stone Interests.

The Consolidated Stone Company, of Chicago, which is represented here by G. E. Brooks, 604 Witherspoon building, quarry the well known Indiana oolitic stone and have supplied some 60,000 cubic feet for the new Walters Art Gallery in Baltimore, Md., which is in process of erection. They furnished considerable material for the Bellevue-Stratford hotel, of Philadelphia, one of the handsomest hotel buildings in the country.

Charles Dix, 730 Witherspoon building, representative of the North Carolina Granite Corporation, Mount Airy, N. C., quarriers of the well known Mount Airy granite, reports business fairly prosperous, considering the present state of affairs in the stone market, and of good promise for the summer.

R. V. Reynolds & Co., 710 Heed building, wholesalers in block, sawed and finished marble and granite, report business fairly good. R. V. Reynolds was formerly the official representative of the Columbian Marble Quarries Company, which is now in receiver's hands. He severed his connection with this concern some months ago. The firm of R. V. Reynolds & Co. was formed about eighteen months ago and is composed of Mr. Reynolds, who looks after the marble department and who is also interested in some quarries in Dorset, Vt., and C. R. Birney, who has charge of the granite end. The marble handled comes mostly from the quarries in which Mr. Reynolds is interested, the granite from the Maine and New Hampshire quarries. This firm supplied about 5,000 cubic feet of stone for the Frick building, recently erected in Pittsburgh, Pa.

The Vermont Marble Company, of Proctor, Vt., has quite an extensive branch here, at Thirtieth and Walnut streets, but the bulk of the supplies for large operations is furnished direct from their quarries.

William Gray & Sons, stone contractors, 201 South Thirtieth street, an old Philadelphia house, report busy. They have the contract for the new John

Wanamaker building, material for which is the High Island granite; also for the Girard Trust Company's new buildings on Chestnut street, material for the latter to be supplied by the Blue Ridge Marble Company, of Nelson, Ga. They use a Green's Corliss engine and their traveling cranes are of their own construction.

John A. Dodds, cut-stone contractor, 7-25 South Twenty-second street, is busy. He has been obliged to lay off twelve men, however, on account of the strike. He has contracts for two schoolhouses, a generating house and an engine house. He will soon put in pneumatic surfacers and hammers from the Thomas H. Dallett Company, of Philadelphia. He uses Bedford limestone and Rock Hill granite.

Jacoby & Son Company, interior marble work and cut-stone contractors, 2025 Market street, have work enough on hand to keep them busy until January, 1908. They are just preparing the interior work for the Racquet Club, Sixteenth and Walnut streets, and the new Bulletin building. This company has all the modern equipments.

Beverly Bros., wholesale marble and granite monumental work, 311 Heed building, an old down east concern which migrated to Philadelphia some twelve years ago, report trading brisk. They are the representatives of the Brandon Italian Marble Company, of Middlebury, Vt., and of Young Bros., Barre, Vt. They also handle Gouverneur (New York) and other eastern standard goods. One of their contracts was for the large soldiers' monument erected recently at Red Bank, N. J.

With a view to opening a quarry, Elmer J. Deck, of Easton, Pa., has purchased a part of Walter E. Gracie's farm near Perryville, Md., for \$5,500.

State Senator Godecharles has introduced into the State Senate a bill appropriating \$15,000 for the erection of a monument to the memory of former Governor James Pollock in Lincoln Park, Milton, Pa. The bill has been reported affirmatively from the Senate appropriation committee.

Doings of the Architects.

Watson & Huckel, architects, 1211 Walnut street, a well known firm, have prepared plans for the erection of a church building for the congregation of the St. Patrick's Catholic church at Kennett Square, Pa., which will be constructed of Avondale stone, with Indiana limestone trimmings. The contract has not been awarded as yet.

Henry D. Dagit, architect, 435 Chestnut street, has prepared the plans for a \$175,000 church at Forty-seventh street and Springfield avenue, which are posted by the well known contractors, Jacob Meyers & Sons. The building promises to be a handsome one, constructed of eastern and Port Deposit granite, limestone, concrete and brick, and is for the congregation of the St. Francis de Sales church.

Jacob Meyers & Sons, builders, 608 Witherspoon building, have the contract for the erection of the skyscraper at the northeast corner of Fifth and Chestnut streets, for the Girard estate. The building will be known as the Lafayette building, will cost about \$1,350,000, and must be completed in eighteen months. Although it is stated at the office of the builders that details have not been completed as to the material to be employed, it is understood in trade circles that Green River limestone will be one of the principal factors.

Carl P. Berger, architect, 1416-18 South Penn square, a Philadelphian young in years but already in the front rank of his profession, numbers among his achievements the South Penn Square building, the new German theater, the Albemarle house and the William Penn theater. The latter is in process of erection and will be one of the handsomest and most complete structures in the country. It may be mentioned in this connection that the power plant for this theater has not been awarded as yet. Mr. Berger has plans in preparation for church, Sunday-school and parsonage for the St. Matthews Evangelical Lutheran church, at Seventh and Luzern streets. The material will be stone and red slate. The buildings will have all modern equipments, steam heat and electric wiring.

LOUISVILLE, KY.

LOUISVILLE, KY., May 1.—Building operations in Louisville have opened up a trifle slow this spring, although none of the large cut-stone men have anything to complain of, because they have had enough work to keep them busy. Flurries in Wall street cannot stop the prosperity of the South, and Louisville in a sense reflects the conditions south of the Ohio river. There are many new large manufacturing concerns that have come into Louisville within the last year, and they have brought in their wake thousands of employees who have had to find homes.

There are several large buildings contemplated, for which the plans and specifications are now being made, but the contracts for these have not been let so far. Work is rapidly nearing completion on the large skyscrapers already mentioned in these columns from time to time, but while these jobs have kept the local cut-stone men busy, there have not been any big contracts let recently to take their places, so that there is somewhat of a lull just now.

Peter & Melcher are making extensive improvements in their large cut-stone plant, and when these have been completed their establishment will be the largest and best equipped in the city. They are putting in three new gang-saws, a Patch diamond saw and a new power plant with an electric generator. Mr. Peter says that the monumental business has been very brisk this spring, and they have sold and placed several very handsome jobs. Within the last three weeks they have received from the Barre district alone twelve cars of finished stock, most of which will be placed this spring. Mr. Peter says that nearly every one wants Barre granite and that it forms a large part of all the monuments sold in Louisville.

George Kistner & Bros. say that things have opened up fairly good this spring, but they are not as busy as they might be. They say they have orders for several large Barre jobs to be set this spring and that the general outlook is very good. Mr. Kistner at the present time is erecting two nice jobs in Eastern cemetery and has two or three to go into Cave Hill next week.

Blatz & Krebs, at Fourteenth and Walnut streets, say that they have not taken on any new large contracts lately, but have been doing considerable figuring and expect to get their share. They have commenced work on the new public library in Crescent Hill, which was designed by C. A. Curtin, the well known local architect. Bedford oolitic limestone will be used and the interior will be of Tennessee marble. They will also soon begin furnishing the stone for the row of store buildings to be erected at Fourth and Chestnut streets.

John Diebold & Sons, at Sixteenth and Arbogast streets, are completing the college jobs at Moores Hill, Ind., in which Bedford stone was used. They have been doing considerable figuring on local work, but say that the spring trade has opened up a trifle slow, although they have no room to complain, as they have kept their big establishment running full time.

The Muldoon Monument Company has had a fairly satisfactory spring business. It has recently shipped several very handsome jobs to different points in the South and has also erected a few big jobs in the local cemeteries. Mr. Muldoon is trying to sell an interest in his business, as he feels that he would like to be relieved of some of the responsibility of carrying on his large trade. He has had a very active career and thinks that he has earned a rest. His business is one of the oldest as well as the best known and successful in the entire South.

J. S. Clark & Co. have had a remarkably good spring trade and are busy in all their departments. Mr. Clark said he is figuring on some very large jobs to be erected this spring, and, on the whole, has no complaint to make.

Joseph H. Peter & Co. have also had a very satisfactory spring trade. He said the tendency is to larger and better monuments and that all the jobs he has sold lately have been of the better class. He carries a very handsome stock of Barre and says that nearly all of his orders this spring have gone into that granite.

NEW ORLEANS, LA.

NEW ORLEANS, LA., April 27.—Every marble and stone cutter in the city is busy and the outlook is that they are liable to be all summer and fall. There are so many big buildings in course of construction and so much marble is used that it makes the work brisk. Then, too, general prosperity prevails, and those who have dead buried here are wont to erect better monuments and tombs, and the old and plainer ones are fast giving place to costly granite and marble affairs.

The biggest contract that is on hand now by any of the local manufacturers is the cutting of the marble for the Court House. The enormity of the work is almost incomprehensible. The two lower stories are to be of marble, sand finished. The marble is the Kenesaw marble from the Georgia quarries and is beautiful. It is white, with now and then a dash of gray. Indeed, this marble is much more beautiful than that used in the marble hall of the custom house. Of course that building was begun in 1848, and

all the marble used was imported, which made it more costly. There are fourteen Corinthian columns, each costing \$23,000. The cost of furnishing the Georgia marble has not been given out, but it will not nearly reach one-quarter of the amount paid for these fourteen pillars alone.

The front elevation will stretch across an entire square. Then there is a way between the front and the rear or side elevation, and the side elevation is somewhat smaller than the front. To build two stories of marble, sand finished, means a lot of work. At the Weiblen works two forces of men are kept busy, one for the night and one for the day. Twenty-three hours out of the twenty-four are thus occupied. The first deliveries are to be in September, and the deliveries will continue until the last piece is on the grounds. How many carloads of marble will it take? That is easier asked than answered. It will take several train loads.

In addition to all this work Mr. Weiblen has a number of other interior jobs such as the Canal and Louisiana Bank, and a great deal of monumental work. A beautiful piece of monument work is nearing completion for some one away down in Honduras, at Ceiba. He has a nice trade in Central America.

Mr. Weiblen has lately extended the factory tramway until now it is 500 feet long and extends out to the railway switch that runs alongside the track. This sidetrack holds eight cars, and it looks as though it should be longer. Between thirty and fifty men are kept busy on the Court House job alone. Marble cutters and led rubbers will be in demand before the summer is over. Mr. T. Herman, formerly of Burlington, Iowa, is now superintendent of the entire Weiblen plant.

Building materials are higher than for years past, but as there is no indication that they will be cheaper the progress of building is not retarded, but rather increases. The builders are awarding the contracts as fast as they can be compiled by the architects. Every architect in the city is rushed with work until he scarcely has time to eat.

Among the large contracts recently let are those for the erection of buildings for the Louisiana Molasses Company, Cuachs building, American Cigar Company's building, Schwartz building, Madden building, City Hall Annex, Majestic apartment house.

With the erection of these new buildings many old landmarks are torn away, much to the regret of all the older citizens, who cling to the past, its customs and buildings. One of the most beautiful of the old residences is the old Grima home on St. Louis street. It was built in 1831 and has been occupied by the Grima family for over fifty years. It is built of brick, with a white marble doorway and steps. The base is granite, as is also the "banquette" in front of the house. The blinds of the lower floor are solid cypress with long wrought iron hinges. The rear opens on a court yard paved with granite blocks. The walls are covered with clinging vines, and many flowers bloom beside the wide walkways summer and winter. The interior of the house is done in the same massive and elegant style that is displayed on the exterior. Few of the modern-day residences will appear as well four score years hence as the Grima residence does now. These electric, nervous days the workmen are apt to slight the work where they can, that they may get through the sooner.

The high water of the past week almost put the big electric and steam plants out of commission. The rains descended and the floods came and floated everything but something that is not floatable, such as marble and granite. Schutzen & Falloon's yards were under water, and work was delayed several hours.

Samuel T. Gately reports business brisk—far better than last year. He has all the work he can handle. The tombs and the monuments are of a more costly kind than formerly. He finds granite a popular stone for this work because of its hardness and characteristic of standing the weather better than the marbles.

L. Reynolds is very busy. His factory was not injured by the water. Mr. Reynolds is turning out some fine monumental work.

The Weiblen plant was flooded for a few hours and some of the men could not keep at work, but this was only for a short time and the entire force is now at work.

In the furnishing of building materials, such as brick, steel, lime and cement, that go into the buildings now in course of construction some are finding difficulty. The library building is being delayed because the contractor cannot get the steel for the framework.

F. Codman Ford says he has no trouble in supplying his customers in almost every kind of building material.

Bids for the Terminal Company's big depot will be opened May 1. This will be as large or larger than the Court House, and is going to take a lot of building material.

Granite.

BARRE DISTRICT.

BARRE, VT., April 20.—Business could not be better than it is at the present time in Barre and there never has been a time when the local manufacturers have been so well prepared to handle a rush of work. Most of the firms have been adding to their equipment during the past year and it has been a veritable harvest time for the machinery people, until at the present time Barre is away up in the top notch in the matter of up-to-date methods for turning out finished monuments and rough stock. Aside from this, Barre is favored just now with a condition that never before has fallen to its lot, in that there are plenty of granite cutters to be had at a time when there is a rush of work. This is largely caused by an unusual influx of young men from Scotland. The quarries were pretty badly tied up for a while, but they are getting now where they can supply the demand. The railroad situation, too, is greatly improved, as a large number of new cars have come into town. The greatest trouble that is now experienced is the congestion of cars in the local railroad yards and the delays that are caused in shifting.

Matt Haley of Barre has just finished setting up a mammoth boom derrick at the Wetmore & Morse Company's quarry. It is one of the biggest derricks on the hill. The mast socket is 32 inches inside diameter. It is made by the Lane Manufacturing Company of Montpelier.

Thomas Marrión, a leading retail dealer of Rochester, N. Y., has been in town this month.

The Grearson-Beckett Company of Williamstown is one of the most up-to-date firms in the Barre district. Their cutting plant is new and modern in every way. They are located not far from the dark quarries of Barre and have a spur track to the Williamstown branch of the Central Vermont railway. They have one advantage that always stands them in good stead. That is the matter of cars. They always have plenty of orders and are able at all times to make prompt shipments. They are about the only local concern in that village to ship any material, while the general merchandise, feed, etc., that comes into the town supplies them with more empty cars than they can use. Walter Kendrick is the very efficient manager of the company. He reports business as being exceptionally good this spring. They have the best line of carved work in hand that they ever had, and also do considerable vault work. They had just taken an order for a splendid mausoleum on the day that the writer called upon them.

W. S. Hammack of Quincy, Mass., New England representative of the Chicago Pneumatic Tool Company, was in town about the middle of the month and reports business as very brisk in his line. He has just sold air compressors to the Lee Marble Company of Lee, Mass.; F. A. McAuliffe of Fitchburg, Mass.; Alexander Falconer of Quincy, Mass.; G. R. Bianchi and J. Jurras of Montpelier; A. Anderson & Sons, Novelli & Colcaque of Barre; the Gamble Granite Company of Groton, and T. F. Roy of St. Johnsbury.

Young Bros., who built during the past year a new granite plant that has been an eye opener to the monumental trade, have just installed another big polishing machine which they found to be necessary to take care of the increased demand for polished die monuments. The new machine is manufactured by the F. R. Patch Manufacturing Company of Rutland, Vt. Young Bros. have a large lot of nice work on hand and they are able to turn out the very best class of work in remarkably short time. They have just shipped one particularly unique monument to California. It consists of a large block of dark Barre granite, all beautifully polished. It sets on the foundation with no bases and no cap. There are round raised letters on the front, polished in between. The dimensions are 8'x4'x6'.

Phillips & Slack of Northfield report business as very good; in fact, when the writer looked inside

their plant a few days ago he was astonished to see the amount of work that was going on there. There was not room for a single cutter more than was already employed. The plant is supplied with an electric motor, Sullivan air compressor, polishing machines, surfacers and other modern machinery, while there were forty-two men busily employed.

Guidici Bros. have their usual run of fine carved jobs, and are quite busy. They are also cutting two very beautifully carved mausoleums. One of them is 12'6"x15'4". In front are four Ionic columns. On the front of the frieze is the family name in raised polished letters and at each side is a festoon. The other vault is 13'10"x13'10". This is surmounted by a cross. In the front of the vault are four polished columns with carved caps. The columns are in pairs and the whole rests upon a rock face base. The corners of the frieze are carved and also the gable in front. Mr. Guidici also showed the writer some very handsome carved die jobs in process of construction.

Originality of Design.

J. B. Magnaghi, manager of Presbrey-Coykendall & Co., is turning out an enormous amount of high class and particularly noteworthy monuments this spring. One of the most beautiful pieces of work that have been seen here in some time has just been shipped by them. There are two bases, the bottom one 10'x6'2". The die is all polished with the exception of the carving around a sunken tablet 4'3"x3' on the front. This is carved with torches, ribbons and a scroll, on the face of which is a sheet of music carved. The music is entitled "The Evening Star." Another important architectural success is a monument with a bottom base 17'x10' and standing 18' high. Around the die are four carved pilasters. Around the outside of the bottom base and resting on it is a perforated style, the same being cut out of solid granite, the perforations



JAMES CAMPBELL, NEW MANAGER
BARRE GRANITE & QUARRY CO.

being square and about 6" each. The die is carved on the four sides with four columns, a plinth and fluted and carved dome with a cupola on top. Another big job worthy of comment is going to Woodlawn Cemetery. The bottom base is 14'x7'4". It is heavily moulded and carved and has ten columns in its various parts. This job is now under the hammer.

George Walker & Sons have recently installed a new Oldham surfacing machine and a 10'x10' Ingersoll-Rand air compressor at their cutting plant.

The big cutting plant of Chas. Bianchi & Sons was never so full of elaborate and high class monumental art as it is today. The writer saw a photograph of a cross job recently set by this firm that is particularly attractive. It is all of a rock face background. Steps are cut on two sides of the base, and on top of the base at the sides of the cross are two pieces on each of which is carved a scroll polished on the face for inscription. On the front of the cross at the arms are sunk and raised round rustic letters. Standing on the second step in front is an angel statue in white marble. Another beautiful cross and statue job goes to South Bethlehem, Pa. This has two rock face bases and a third one cut solid with the rock face cross. On the front of this in high relief is carved the statue of an angel. The monument stands 14' high. They are producing two other statue jobs and a large number of finely carved monuments.

The Excelsior Granite Company has just shipped to Akron, Ohio, a very nice monument, in which they took much pride. The bottom base is 9'6"x5'6".

There are three bases, the top one carved. On the die are eight pilasters, all cut solid on the front and back. The cap is all carved, as is the die. The carving is all in the renaissance style. They are also getting out a nice column die job for Lansing, N. Y.

Moore Bros. & Brandt are pleased to state that they never saw business any better than it is at the present time, although most of their work is of the ordinary sort just at present.

Business Was Never Better.

Barclay Bros. say they have never seen the time when business was any better in Barre than it is at present and also they never saw the time during a busy season when there have been so many granite cutters looking for work. They have just closed up an interesting monument transaction which began two years ago when they took an order from San Francisco parties for a duplicate of the Wilkins monument, originally copyrighted and cut by the Harrison Granite Company. Barclay Bros. started work on the job and found that there was a copyright on the design. Then came the San Francisco earthquake and the party wanted to cancel or at least postpone the filling of the order. Later they gave instructions to go ahead and Barclay Bros. then got Mr. Harrison's waiver of patent rights and the work proceeded, with the result that it has just been shipped this month and is a remarkably beautiful piece of work. The bottom base is 14'x6'10" and it is 6'6" high. There are three bases, the third heavily carved. There are pilasters on front and back and there are ten columns. The carving on the die and on all parts of the monument is that of the Italian renaissance period. The cap is a magnificent thing and has almost a year's work on it, the mouldings being extremely delicate. Barclay Bros. are cutting more elaborate mausoleums just now than they have had for some time. They have four under the hammer at the present time and have just shipped two during the past month.

Littlejohn, Odgers & Milne have recently installed a new Chicago Pneumatic Tool Company surfacing machine.

Mayor John Robins of Robins Bros. has the warm approbation of the public in his administration of affairs thus far in his career as Barre's chief executive, and this, together with the splendid monumental work that is being manufactured this spring at Robins Bros.' plant, should cause the mayor to dwell in the realms of happiness. The firm has lately been producing some unusually elaborate monumental work. Besides this, they are now cutting three mausoleums. One of these has seventeen arch stone pieces adorned with three bands of carving, these bands being 6", 3" and 1" wide respectively. It is seldom that one sees any more artistically carved monuments than was shown to the writer a few days ago at this plant. One of these has three bases, die, six columns and plinth, all beautifully carved, and surmounted by a moulded cap. Another one has a bottom base 12'x7"—8'x1'6". The die has four carved columns.

P. N. Peterson, the well known retail dealer of Minneapolis, has been in town for several days this month and placed a large amount of orders in Barre. One of the biggest monuments of this season was a part of his excuse for visiting Barre. This monument stands 53'6" high and has a bottom base 15' square. The statue on the top is 13' high. At the present writing the contract has not been let, but it is understood that Marr & Gordon will have it.

Unique Idea.

As is usually the case, there is plenty to interest a monument man at the plant of J. P. Corsie & Son. They have a lot of nice work in hand and some of it is unusually attractive. In this class is a unique monument carved to represent an old-fashioned fireplace. The bottom base is 5'6"x2'6", all rock face, with beaded corners. The die is also rock face, on the front of which, with much artistic workmanship, is represented the conception already referred to. The brick walls and arch with the moulded border form the outside and in the center, sunk to a suitable depth, is a polished panel which fills the entire space inside the arch. On this polished surface will be the inscription in V-sunk letters. Another highly artistic specimen of the skill of designer and sculptor is a medium-size die monument. The body of it is rock face with a beautifully carved representation of a temple with columns broken and in the act of falling in ruins. This extends around one corner on two faces of the die, and, it being surrounded by rock face of the die which rises in high relief around it, one gets the impression, evidently intended by the artist, of a vision in the distance seen through an opening in the clouds. Round raised letters on top of the die show the family name.

Mutch & Calder have had a new Blaisdell air compressor, new electric boom derrick and a new Dallett surfacer installed at their new plant adjoining E. W. Carle's shed.

Auld Acquaintance Renewed.

One of the most royally welcomed guests to visit Barre this month was Alexander Milne of the firm of Milne, Coutts & Co. of St. George, New Brunswick. Mr. Milne was a boyhood friend of J. K. Pirie, Barre's well known dock quarryman, and also of J. P. Marr, one of the most widely known granite cutters in Barre. Mr. Milne is a successful operator in the granite business of New Brunswick, and he was much interested in the inspection of the Barre quarries and manufacturing plants. On the last evening of his stay here he was the guest of honor at the Cozy Corner Club, which met at the home of C. W. McMillan, Sr. Among the local granite men present were Mr. McMillan and son, C. W. McMillan, Jr., J. K. Pirie, George B. Milne of Boutwell-Milne-Varnum Company, A. E. Bruce, William S. Alexander, D. McMillan, James R. Coutts, Robert Inglis; also H. C. Whitaker of ROCK PRODUCTS. J. P. Marr was master of ceremonies, and the happy occasion was one long to be remembered by those who were present.

The Rock Products man had a very pleasant call this month at the manufacturing plant of Mould & Davis at Morrisville, Vt., on the St. J. & L. C. railroad. While their plant is located at a considerable distance from Barre their business is confined to the manufacture of Barre granite monuments for retail dealers, and they do a nice business in a thoroughly up-to-date cutting plant with a first class office management. Their power is generated by a 50 h. p. electric motor and the equipment includes a Chicago Pneumatic Tool Company air compressor and surfacing machine, also an Oldham surfacer, a Smith, Whitecomb & Cook Company polishing machine, and a traveling derrick. Mr. Davis devotes his attention to the cutting shed and Mr. Mould the office end of it. Both departments are in thoroughly competent hands. Their shed is a modern straight one, with stock yard adjoining the main line of railroad. They have many apparent advantages in the way of cheap power, plenty of cars for shipping, and a goodly amount of retail business in the local field.

I also had the pleasure of calling this month upon Joseph E. Walker, the genial Barre granite manufacturer over in St. Johnsbury, better known as the "Lily White Town" of Vermont. I can't swear to the whole town, but Joe Walker is white, all right enough, as every one who knows him will vouch for. Mr. Walker has a thoroughly up to date cutting plant located on the main line of the B. & M. railroad and the L. C. & St. J. railroad, also with through connection with the C. P. railroad. Abundant water power runs the machinery, amongst which are an Ingersoll-Rand air compressor, two Oldham surfacers, three Whitecomb Bros. polishing machines, and pneumatic carving tools. Mr. Walker is quite busy this spring and has a nice line of carved and polished work under the hammer.

The Ryle & McCormick Company, of Montpelier, has nearly completed a soldiers' monument for the town of Waitsfield, Vt. This will be set up in time for dedication on the coming Memorial day.

Big Chunk of Light Granite.

The Wetmore & Morse Granite Company has just split off with a blast a block of granite 97x25x25 feet, containing about 60,625 cubic feet and estimated to weigh about 6,062 tons. This was split from another sheet at their quarries and is now ready to be cut up into the ordinary sizes of dimension stock. It is all light stock.

James Hayes and Charles H. Barton, two experienced granite cutters of Northfield, have come to Barre and started in the granite manufacturing business under the name of Hayes & Barton. They have leased the plant formerly occupied by the Sievwright Granite Company, which goes with the C. R. Scott Granite Company to occupy the Wells & Lawson plant.

W. H. Harrison of New York, president of the Harrison Granite Company, has been in town several days this month.

At the Boutwell, Milne & Varnum Company quarry a few days ago a monster block of granite was quarried. The piece was 74' long, 25' wide and 24' deep. Ordinary powder sparingly and carefully used as the explosive that lifted this monster. The block will be split into dimension sizes.

Fred Feagan has sold out his interest in the granite retail business at Lorain, Ohio, to his partners, J. LeBarron and George Ross, and has returned Barre to resume his former position as office manager for E. Abbiotti & Bros.

H. J. M. Jones of Jones Bros. Company has been in New York recently on business connected with the fitting of a mausoleum for William Rockefeller, another of John D. The job is being cut by the Jones Bros. Company here.

C. W. Huntington, a former granite manufacturer but for some time superintendent of a plant



CUTTING SHED OF RIZZI BROS. BARRE, VT. WHERE CARVING IS A SPECIALTY.

at Graniteville, Mo., has returned to Barre, having resigned his position there.

The Columbian Granite Company at Montpelier has recently installed a new Ingersoll-Rand air compressor.

C. F. Bessey of the Bessey Granite Company is able to be at the shed again after having been laid up for some time as the result of injuries received in an accident. He was standing on a stone, which rolled from under him, causing him to fall.

The Rock Products man was at Northfield a short time ago, when he saw in the E. B. Ellis plant an immense turning lathe which the company is giving a trial. The lathe has a capacity for turning a column 7'x40'. It also has a fluting attachment, which is the only one of the kind that has yet been tried in the granite business.

New Firm of Manufacturers.

One of the most important changes that have taken place in Barre this month was the change which resulted in the formation of a new granite manufacturing firm and at the same time a new management for a quarry firm. James Campbell sold his interest in the firm of Mortimer & Campbell to Alexander Haddon, who has already taken possession, and the new firm will be known as Mortimer & Haddon. The firm of Mortimer & Campbell started in 1893 and has been a success. James Campbell came to Barre in February, 1889, having come to America three years before from Aberdeen, Scotland. He has always been prominent in all matters relating to the granite trade here and since 1900 has been the very efficient secretary of the Barre Granite Manufacturers' Association. This position he will still hold. Mr. Campbell after selling out his interest in the manufacturing business at once accepted the offer of the directors of the Barre Granite & Quarry Company to become the general manager of their quarry properties with full control of the same. This is an important step on the part of this quarry concern, and they could hardly have made a better choice than in the selection of Mr. Campbell. It is the intention of the company to install additional machinery and to boom things to the limit at once. Mr. Campbell assumes the duties of his new position on May 1.

The first book of ratings for the monumental granite trade to be issued by the National Association of the Granite Industries of the United States has just reached here and the copies have been delivered to the various members of the association at the regular price of \$12.50 each. The book is a most thorough compilation of the standing of the dealers and is as perfect as such a thing could be. This is probably the most important system that has ever been introduced as a benefit to the monumental trade.

There was slight labor trouble in St. Johnsbury this month caused by Joe Walker's raising the pay of all his men with two exceptions. They all struck, not only in this shed but in all the others in town. The union committee met and talked it over for a few minutes and then sustained Mr. Walker in his action.

For several years one of the leading firms of wholesalers to do business in Barre has been that known as Scott & Townsend, the partners being Charles R. Scott of Barre and E. O. Townsend of New York. The Sievwright Granite Company was also connected with this firm. The public was much surprised a few days ago to learn that Mr. Scott, who has been the manager of the business since the firm was organized, had purchased the interest of Mr. Townsend and formed a new company to be known as Charles R. Scott & Co. These people have purchased the well known Wells & Lamson plant and have taken possession. The plant is a modern straight shed with excellent water power and modern equipment. They will install a new air compressor and other new machinery and are contemplating the installation of a gang-saw. Mr. Scott has achieved noteworthy success in the granite business and will continue the active manager of this new firm. A. T. Hirtle, who is one of the best draughtsmen in the business, with an experience of fifteen years, is an associate member of the firm and is now taking an extended trip all over the country calling on the retail trade. The combination is a good one and is sure to meet with success.

Spanish Bunco Steerers.

J. O. Bilodeau, the well known granite manufacturer, has just received a letter from one of those Spanish gangs of bunco steerers in Madrid, Spain, who offer to give a one-quarter share of a half-million-dollar property if only the intended victim will assist in righting a great wrong which the bunco man claims to have been perpetrated upon him. "This is the most unkindest cut of all," Barre granite manufacturers are perfectly willing to admit that they allow themselves to be systematically robbed right along by permitting certain conditions to exist, but they are not so easy as to buy gold bricks in Spain. When they have money to burn up this way they are more in the habit of contributing the profits they should have on monuments they sell, and they like to have somebody get it who is connected with the trade either as a dealer or a wholesaler.

The Eclat Granite Company is well caught up with all its orders this spring and will be able to make prompt shipments of all Decoration day work. They have more nice work in hand than they ever had before. One very attractive monument has a bottom base 8'6"x6'6". There are three bases, die, plinth, frieze and cap. On the plinth are set four Ionic columns supporting the canopy, and inside these columns is a statue. The frieze is carved with a dental course and the cap is moulded and runs to an apex. Mr. A. E. Lebourveau has just returned from a business trip to New York, where he secured several large contracts. Amongst their other work now are three large spire jobs, and they have just taken an order for a large and elaborate mausoleum which they will start work on as soon as they can get the stock for it down from the quarry.

Smith Bros. Granite Company is just completing one nice vault and is starting on two more. One

of these is an order taken this week. There are two columns and two pilasters in front, with a lot of carving. The back and sides are rock face. The front is all hammered. The other vault is similar to this but is all hammered. They have some very nice monumental work also. One of them has a bottom base of 12'10"x7'2". It is of sarcophagus form with a lot of carving on the die. Another one with a bottom base 8'x5' has a lot of Italian renaissance carving. Smith Bros. have been very busy, but will be able to get all their spring work out on time to the satisfaction of their customers.

C. W. McMillan, Sr., was about as cross as a man of his genial disposition can be when I called upon him this week, owing to the trouble he is having about getting rough stock down from the quarries to fill his orders. This, coupled with a stack of correspondence from his customers blaming him for it all, makes life very hard living. The firm is cutting a splendid sarcophagus monument that is deserving of special mention. The bottom base is 9'x6'6". The two bases are heavily moulded. The concave die has sunk panels on the four sides and the cap is a heavy rounded apex, all moulded and richly carved. They have a nice line of work in this class.

E. Abbiatti & Bros. are cutting many nice monuments, an especially handsome one being a polished spire. This is to be erected in Baltimore, Md., by the Junior Order of American Mechanics to the memory of the late Abraham Sohl, secretary of the state council of Maryland and former national councillor and treasurer. The bottom base is 4'x4' square and it all stands 24 feet in height. The die is polished, with emblem of the order carved in high relief. The cap is polished, with heavy mouldings. The spire is all polished. Another nice one has a bottom base 6' 4" square and a die 7' 10" high. This latter is one of the heaviest carved jobs that have been cut in Barre in a long time, and it is a credit to Barre granite.

Large Coming Orders.

Rizzi Bros. have a shed full of artistic carving, as usual. One of the most beautiful designs the writer has seen in some time is one which the firm is about to start work on for parties in Louisville. The bottom base is 6'6"x4'3". There are two bases, with letters on both. Next is a cross with a rock face body on the lower portion, and the upper part all hammered. On the rough portion is beautiful carving and lilies, while the front of this lower portion is devoted to space for inscription. And there are 171 raised polished letters here. The whole monuments stands 11'4" high and the arms are 4'10".

A. Anderson & Sons are keeping pace with their rapidly growing business in the cutting shed by building an addition to their office, making it just about twice its former size.

Stephen & Gerrard have a rushing business at their quarry and have some exceptionally big jobs to start work on in the cutting plant as soon as they can get cars and stock. This is a common enough complaint with everybody in Barre at the present time.

Canton Bros. are just starting work on a big vault, having shipped a nice one a few days ago. They have purchased a new Ingersoll-Rand 400-foot air compressor and will install it as soon as they are able to shut down for a couple of days while the work of installation is being done.

HARDWICK, VT.

HARDWICK, Vt., April 25.—The six weeks' strike in this town has just been settled on an agreement to continue for the next four years. The compromise calls for \$3.10 per eight-hour day for cutters on monumental work, and \$3.20 for building work, as a minimum. Under the old agreement the cutters were getting 37½ cents per hour for both kinds of work, or \$3 per day. When the old agreement expired they asked for an increase of 2½ cents per hour, or \$3.20 per day for both branches, and a three years' agreement. The manufacturers offered for four years an increase of 1½ cents per hour, or \$3.12 per day. Several meetings were held between the two committees, but nothing could be done until after nearly six weeks of no work, when the compromise, as above stated, was agreed upon and signed. There are eighteen firms here and they employ over five hundred men. The main features of the agreement may be of interest to the trade.

The Working Agreement.

That eight hours shall constitute a day's work.

That the hours of labor shall be from 7 a. m. to 4 p. m. From May 1 to October 31, Saturday afternoon is to constitute a half-holiday. Hours in winter to be changed to suit daylight.

All overtime to be paid time and one-half, double time to be paid for Sundays and the following holidays: Decoration day, Fourth of July, Labor day, Thanksgiving and Christmas.

No overtime to be worked without the approval of the branch, and only in case where a stone is spoiled, delayed in quarrying, or required to finish out a car, shall any application for work to be done outside our ordinary working day be considered.

No journeyman granite cutter to receive less than \$3.20 per day of eight hours for building work and \$3.10 for monumental work.

That the sheds be heated from October 15 to April 15 to a point to be decided upon by the committees.

That we receive our pay once a week, and not over two days kept back.

That we receive our pay in working hours, and in cash.

That pay day shall be on Saturday.

Whenever a workman is discharged he shall carry his tools and receive his pay at once in cash. When a workman leaves of his own accord he shall carry in his tools and notify the employer, or the foreman in charge, at once, after which he shall receive his pay in check. If, however, the workman fails to notify the foreman as above he shall be held responsible for his sharpening at the rate of 27 cents per day until such time as he does serve notice. In case a workman leaves the shop in working hours he must notify the foreman before leaving. If he fails to do so he shall forfeit his pay for time actually worked during the half day in which he actually left the works.

All men working out of doors shall receive 25 cents per day above their indoor rate unless they have proper covering. They must also be put in the shed when it storms.

No surface cutters allowed in the shed when men are working, and cutters are not allowed to blow off their stones with the air machine or hose.

That firms furnish tool boys to carry and grind their necessary tools, but in case a firm is not large enough to furnish a tool boy, or in case cutters get out of tools when tool boys are furnished, said cutters shall be required to carry and grind their own tools.

One apprentice to every six journeymen granite cutters; apprentices to serve three years.

All stone cutting machine workers shall be members of Hardwick branch, G. C. I. A., and if such members have not served the regular apprenticeship at granite cutting they shall not be allowed to cut stone at the banker.

Vault and tomb work to be classed as building work.

While the minimum wage rate shall be 40 cents per hour on building work, still it is hereby provided that should workmen be 50 years of age, and incapable of earning the minimum rate, his case shall be referred to a joint committee of three members of the manufacturers of Hardwick and three members of Hardwick branch, G. C. I. A., who shall determine the rate at which he shall be paid.

The agreement and scale of wages to be effective from March 1, 1907, until March 1, 1911, and should either party desire a change at the expiration of said period, three months' notice shall be given previous to March 1, 1911, and changes specified. Should no change be desired by either party to this agreement, then the said agreement shall continue from year to year until proper notice is given.

It is also agreed that any contention which may arise as to the performance in good faith of the foregoing agreement by either party shall be referred to a committee of three members selected from the manufacturers of Hardwick and three members from Hardwick branch, G. C. I. A.; failing to agree, each committee shall select one of their number, and these two shall select a referee, who shall hear both parties and make an award without delay, such award to be final.

Pending such arbitration in reference to foregoing agreement and bill of prices, it is mutually agreed that there shall be no lockout, suspension of work, or strike.

John Kelley, David Morrissey, A. J. McCormick, L. M. Rockwell and Robert Hendry were the members of the union strike committee, and George H. Bickford, R. C. Wallace and William B. Donald the committee from the manufacturers who met them in conference.

Generally speaking, business is opening up very well after the long strike, although of course none of the local firms are rushed with work as yet, but the prospects are very good for the spring and summer trade in the monumental line, and every one has implicit confidence in the Woodbury Granite Company obtaining enough big building contracts to have its immense plant running at fullest capacity before very long.

The ROCK PRODUCTS man called at the office of the Woodbury Granite Company and found that George H. Bickford, the general manager, was out of town for several days. His assistants said they were looking forward to a busy summer. Their reputation for

always getting out work ahead of contract time stands them in good stead when it comes to the matter of securing new contracts. C. W. Huntington, who for the past two years has been superintendent of the Saranac Granite Company, of Graniteville, Mo., has joined Mr. Bickford's staff.

A visit to the office of E. R. Fletcher at his cutting plant brought the information that he also was out of town for a few days. Superintendent Joseph Murphy said business was exceptionally good. Among the attractive work they have on hand is an all-polished building job, it being a base course to a building that is being erected in Montana.

The Stewart Granite Works are cutting some fine Barre granite monuments along with their Hardwick stone. Business is looking fine for the summer. They are running a full gang of men at present and expect to double this number soon. They were running two shifts just previous to the strike.

Mr. Jackson, of Jackson & Davis, says they are getting well started again after the strike and are mostly engaged now in cutting building work for the Cook County court house. They are already picking up some good monumental work and expect to have plenty of this in a few weeks. They have done a good deal of work this winter on the Union Station, which is being cut in Bethel granite.

Smith & Barter is the title of a new firm just started in a straight shed adjoining the main line of the St. J. & L. C. R. R. Ashley Smith was formerly in business in the same shed, but in the past few years has been in business in the West. The firm's specialty will be monumental work, and the past reputation of its members gives assurance that any orders placed with it will be well taken care of. Either Barre or Woodbury granite, as the customer may direct, will be used, and the concern will do business on a strictly "square deal" basis.

F. A. Emerson has a nice lot of monumental work on hand and cuts a good deal of light Barre. The writer saw a splendid concave die monument with round raised letters and was under the impression that it was a fine specimen of Barre stock, but after a careful examination was able to believe Mr. Emerson when he said it was from one of the Woodbury quarries. It certainly resembled Barre light stone very closely in this class of work, and it was an exceptionally beautiful job. Mr. Emerson has an electric motor, an Ingersoll-Rand air compressor and other modern equipment, and expects to install a polishing machine some time this spring. The power generated by his motor is enough more than is now necessary to easily take care of a polishing machine.

I had a very interesting visit with William B. Donald, who is one of the most progressive men in Hardwick. He had just returned from a two weeks' trip to the West, where he looked over the stone formations in the vicinity of Denver and called on several friends. He comes back to his work greatly benefited by his trip. Mr. Donald has been taking some nice orders lately and says their business is very good in the monumental line even thus early after the strike settlement. He is going to make a drive this spring out of dark Woodbury granite from the Bashaw quarry, now owned by the Woodbury Granite Company. It is certainly a very beautiful stone, and looks very nice when hammered. He has recently cut several paneled monuments with rustic and round raised letters, using this stone, and it has proven very satisfactory. Mr. Donald is enthusiastic in recommending it to any customer. He also handles Barre monumental work and is cutting a building job in Bethel granite, there being one hundred pieces in the latter job.

MONTPELIER, VT.

John Ruscher of the American Granite Company at Montpelier has things systematized at his circular shed so that he can turn out monumental work at very low cost. He claims that his handy arrangement of surface cutters cannot be beaten by any straight shed. The two machines stand in a line in the center of the shed, and on each side is a track with two cars. This allows a stone to be surfaced on one car while another is being prepared for surfacing on the other car. His polishing beds are similarly arranged, a bed on each side of the machine, so that the machine can be operated on one bed while another bed is being prepared. By this arrangement the machines are in operation all the time and perform much more work than they otherwise would. Mr. Ruscher also prides himself on keeping his yard in first class shape, shipping jobs as fast as completed, and every stone in his stock is handy to get at when he wants it. He can load and unload from any one of five or six cars on his sidetrack at one time, while a straight shed can only accommodate two or three cars. So Mr. Ruscher is well satisfied with his circular shed arrangement and gets out of it the best there is.

A. C. Blanchard of the firm of Blanchard & Classey, manufacturers at Montpelier of a new pneumatic tool invented by Mr. Classey, has sold his interest in the firm to Leonard J. Classey, his partner, and W. H. Brown. Mr. Brown was formerly employed by the Harrison Granite Company as a granite cutter. For the past five years Mr. Brown has been New England representative of George Oldham & Son of Frankfort, Pa., having his headquarters at Boston. The combination of Mr. Classey's experience as an inventor and practical machinist and Mr. Brown's knowledge of the practical use of pneumatic tools and his experience as a salesman of the same is an assurance of success. Mr. Brown will devote his entire attention to the business. They will increase their mechanical equipment as fast as possible to keep pace with the growth of the business.

H. J. Bertolli of Montpelier has been having a good deal of trouble this spring in getting started on the erection of his new stone shed owing to the matter of a sidetrack which the state railroad commissioners have just met and conferred about. They refused permission to grant a grade crossing at the point where Mr. Bertolli wished to have his sidetrack cross the highway. He will therefore be obliged to build it from the other end of his plant. This will be commenced soon and he will rush the completion of his up to date shed as fast as possible. It will be 175' in length by 64' wide and will have a 20-ton traveling crane. He will employ two gangs of men in this special class of work, which is high grade carving and sculpture. He is now occupying one end of Sweeney Bros.' shed, where he is turning out a nice grade of spring work. One of his best jobs is the monument which goes to Burlington. This monument will be surmounted by a large eagle which is now being carved by one of Mr. Bertolli's experts.

F. J. Robar of Montpelier says business is very good this spring. He says he has been turning out some very nice monuments of ordinary size and especially has been getting a lot of splendid local work.

Dillon & Haley of Montpelier have a lot of nice work under the hammer. One especially attractive design is now nearing completion. There are two bases and a die, all with rock-face body. Around both bases on top and bottom is a beaded band about three inches wide. This is also true of the die, with the exception that the top of the latter runs up to an apex, the top being all hammered. On the front is an oval panel with a round bead border, and in the center are round raised letters. The round border is carved at each quarter. Dillon & Haley have just installed a new and larger Ingersoll-Rand air compressor and a new Oldham surfacer, which greatly increased their capacity for turning out work in a short time. They have all the modern appliances and a reputation for doing work upon honor.

The Ryle & McCormick Company of Montpelier have their usual run of high grade work, although nothing they have in hand just now is as elaborate as that which they have been cutting all winter. They will, however, start early in May on some work that is about as good as any they ever had. At present they are doing a lot of ordinary work, and besides this is a nice carved sarcophagus for Connecticut, a mausoleum for Woodlawn, N. Y., a large spire monument for Woodlawn and another for Pennsylvania.

Sweeney Bros. of Montpelier say they never saw business any better than it is now. They have nothing of especial moment to report, but they are doing a splendid class of small and medium sized work.

Patch & Co. have their office in Montpelier, although their quarries are in Calais, about six miles out. Mr. C. S. Whittier, the general manager, says they are rushed with orders at present and that the quarry is in splendid shape this spring. They are now keeping thirty draft horses very busy hauling rough stock to Montpelier.

D. K. Lillie of Montpelier is now well established in his new shed, which is one of the best. It is 226 feet long and is supplied with a 90-horsepower electric motor, a 400-foot Sullivan air compressor, a 20-ton crane, two Blanchard & Classey surfacers, one Smith, Whitcomb & Cook Company polishing machine, and one Whitcomb Bros. machine, thirty-five pneumatic tools and steam boiler for heating. Mr. Lillie is also very fortunate in having the tracks of both the C. V. and the M. & W. railroads run into the shed, which greatly facilitates his shipping and receiving arrangements. He is employing about fifty men at the present time.

Mr. Mills of Mills & Co. at Montpelier is making a specialty of small tablets polished, also markers and small dies.

John Ruscher of the American Granite Company at Montpelier has recently installed a new electric motor, giving him now 70 horsepower. He has put in two new surfacers and is soon to put in a larger air compressor.

Doucette Bros. of Montpelier are doing a whole lot of new things at their plant. They are putting in a new 348-foot Blaisdell air compressor, a new Classey surfacer and a new electric motor, which gives them two separate motors, one for the air compressor and one for the shed, each having power independent of the other. They are having a heavy run of business this spring, much better than last year. Owing to the change, which increases their capacity, they have on their hands a second-hand Laidlow-Dunn-Gordon air compressor which they would like to sell. It is in good shape, but was not large enough for their needs. It would be just right for a small quarry or a retail shop. It is 8x8 and guaranteed to run seven or eight tools. They are willing to sell it for \$125 f. o. b. cars at Montpelier.

Sam Oldham of George Oldham & Son of Frankfort, Pa., is in town this week accompanied by Creswell Rush, who is to be the New England representative of the firm, with headquarters in Boston. Mr. Rush is to take the place of W. H. Brown, who has bought out A. C. Blanchard of the pneumatic tool firm of Classey & Blanchard.

The Globe Granite Company of Montpelier under the efficient management of N. J. Glass is doing a very good business this spring. Mr. Glass showed the writer one of the most artistic monuments that he has seen for some time. The bottom base is 10'x6'9". There are three bases, a plinth, die, frieze, cap and dome. The plinth is moulded. The die has four columns and four pilasters, all with beautifully carved caps of Corinthian origin. The pilasters are cut separate and fit onto the corners of the die. The frieze is moulded and the cap has most beautiful carving on front and back. This is surmounted by a fluted dome. With this monument goes an entrance to the lot. This is cut solid with two steps, buttresses and posts with fluted dome tops. The whole piece is 7'8"x2'10". The monument stands 12 feet high and is to be set in a cemetery at Carlisle, Pa.

QUINCY, MASS.

QUINCY, MASS., April 27.—There is an excess of business in the granite industry here, and too busy to talk is the condition found in many instances, while in cutting sheds, polishing mills and quarries the hum of industry and the horde of mechanics seem to bear out the assertion to the letter. Still, a monthly or semimonthly trip throughout the hives of industry in the city's staple commodity is interesting, to say the least. Probably in no other community of its kind can be found so many chronic croakers. Not a few there are, and it has been brought to the writer's attention many times of manufacturers who are looking on the dark side and bemoaning Quincy's ultimate fate as a granite center.

Then, too, as to their own business, to hear them tell it they are going back annually and it is only a question of time when they will be back to the "banker." Yet their possessions do not show it. New machinery is being installed, polishing mills added to their plants, while on the outside they are increasing their real estate holdings. "It is to laugh" for the writer to listen to this tale repeatedly from the same few. It strikes one that the manufacturer in question is fearful lest the scribe cast aside his pen and go into business as his rival, or that too many trade letters of a roseate hue will bring a throng of outsiders here to start in business and cut his profits. In the main, some of them must be making money. They are not putting out work for nothing, and their sheds and surroundings show external signs of progress and profit. Yet why they utter and reiterate their mournful wails is difficult to understand.

In the reporter's rounds it is a pleasure to meet the manufacturer, and Quincy has many, who makes no bones about telling his business increase and is ever ready to broach suggestions toward the trade's betterment.

At present there are only healthy signs apparent in the city's chief industry. The quarries show unmistakable evidence of progress. Within a short while three new quarries will be added to the total, and their stock is bound to resume the market once held by them.

A. Falconer & Co., who now own and operate the old McKenzie & Patterson quarry, are marketing a prime article of granite.

W. P. Barker is restoring order out of chaos in the old Fuller quarry in West Quincy, while R. Cantley expects great things from the working of the Gold Leaf quarry, lately owned by the defunct syndicate.

A number of improvements are under way at the J. S. Swingle quarry, just west of the West Quincy depot. Mr. Swingle's watchword has been "progress"—in more meanings than one. Not content with yearly improvements, he has found it expedient to add new appliances semiannually so as to cope

with his increase in business. The quarry proper has now reached a depth of over 200 feet and is still going down, with better quality of extra dark stock appearing the greater the depth. It is now the intention of the owner to develop the western end of the quarry. This will necessitate doing away with the present driveway and bringing it around to the boundary of the new development. A massive derrick of sixty tons' capacity will be erected. The stick is 110 feet high and 29 inches in diameter, while the boom is 98 feet long and 27 inches in diameter. The latter will have a radius of 200 feet and should handle the stock of the new opening for some time to come. The derrick will be operated by power, for which a modern hoister is being installed in the new engine house. The latter is a model of its kind. It is built of granite with a sheet-iron roof and is as nearly fire-proof as a structure of its kind can be. Steam to operate the hoister is provided by a 150-horsepower boiler, which also furnishes power for an air compressor with a capacity of 375 cubic feet. The compressor operates fourteen plug drills as well as numerous other smaller pneumatic tools.

In addition to this quarry Mr. Swingle has recently acquired a large tract of land near by which includes the famous Berry quarry. This quarry produces a medium granite, and although it lies well in sheets it has not been worked since it was taken over by the quarry syndicate several years ago.

A spur track from the main line of the Quarry railroad runs into the quarry, and it is the intention of Mr. Swingle to erect a power plant near this quarry and work it to its capacity in the very near future.

T. F. Mannix's quarry, just over the line from the Swingle possession, is in excellent condition and an extra dark quality is being produced. The quarry is probably the deepest in the country, being over 250 feet from top to bottom, and it requires some rare skill and latest improved hoisting apparatus to get the stock from the bottom to the bank. Mr. Mannix has supplied his possession with the needful equipment, however, and it seems like child's play to watch large and small blocks of granite being hoisted from the quarry.

The Granite Railway Company's quarries, both old and new, are being worked to their capacities, and tons of the famous Railway stock is being marketed daily.

A Much-needed Improvement.

Since the last issue of ROCK PRODUCTS the local Board of Trade has bestirred itself as to the lamentable condition of affairs at the Quincy Adams freight yard. The following letter is self-explanatory:

"The N. Y., N. H. & H. R. Co.

"Office of the Assistant General Superintendent.

"Boston, Mass., April 22, 1907.

"Committee of the Quincy Board of Trade, on account of accommodations for handling stone at Quincy Adams, Mass.

"Mr. J. Q. A. Field, Chairman.

"Dear Sirs—With reference to the conference held in my office Wednesday, April 17, I take pleasure in advising you that President Mellen has authorized an appropriation of \$15,000 for traveling crane and tracks at Quincy Adams for handling stone business at that point. The crane will be ordered immediately and its installation will be made as quickly as the manufacturers can furnish the material.

"Trusting that this will enable you to make a very satisfactory report, and that you will have the crane within a reasonable time, I remain,

"Yours very truly, A. W. MARTIN,
"Assistant General Superintendent."

The committee of the Board of Trade was composed of John Q. A. Field, Edward J. Sandberg, John R. Richards, H. Everett Crane and William H. Deacon, all large shippers.

The railroad has already supplied two men to operate the present derrick, which has relieved to a small degree the congestion at the old freight yard.

The Granite Railway Company at its manufacturing plant has received the rough Barre granite for the manufacture of the new entrance to Prospect Park in Brooklyn, N. Y. Two columns thirty-five feet in height will show ornate carving. There is an abundance of granite for steps and approaches, which will be finely hammered. The design is from the office of McKee, Mead & White, and the job should be erected complete before the expiration of the season about to open.

The total amount of rough and finished granite to be shipped during the month of March amounted to 8,395,085 pounds. Same was distributed as follows: Quincy Adams, 5,176,480 pounds; West Quincy, including the quarry railroad, 3,218,605 pounds.

Marble

Pentelic Quarries Opened Again.

We learn that there is plenty of Pentelic marble in the famous Pentelikon mountain of Greece. The Pentelic marble for the Carnegie Institute of Pittsburgh, Pa., has by no means exhausted the supply.

Members of an English touring party traveling through Greece a few years ago observed the fact that the Pentelikon mountain was practically all marble. Inspectors were called to make estimates. Their report showed that the marble was as of old, of the finest translucent texture, the supply practically unlimited and the size of the blocks that could be taken out depended only on the equipment of machinery and derricks.

These quarries were first opened by the Phoenicians before history began to be written. The Egyptians, also, began very early. The Greeks secured all their marble from the Pentelikon mountain for the Parthenon, the temple of Zeus and of Diana of the Ephesians, one of the classic wonders of the world.

For the palace of Shushan at Babylon, the marble was carried across Asia Minor on camels. In all probability the Phoenicians founded Greece by going there for the purpose of cutting stone.

Early Roman temples, palaces and statuary were made from Pentelic marble, carved by Greek artists, as there were at that time no Roman sculptors. Later when the Carrara quarries in Italy were opened, Romans who had studied carving in Greece came home and substituted Carrara marble in place of Pentelic to dispose of transportation charges, and also, because it was a home product. Thus it happened that as Rome became more and more the world power and Greece a declining nation, these wonderful marble quarries fell into disuse and remained so until the present decade.

Away back in the dawn of history, one of the Egyptian pyramids was veneered with Pentelic marble. At one time the wealth of Greece was greatly augmented by the fact that all the nations of the world had to come to her for marble to carve images of their gods, and the quarries, consequently, were distinctly and separately honored by all the pagan religions of antiquity.

The Phoenicians first held possession of the marble quarries and it was jealousy over their possession that started the Persian cupidity and avarice which centuries later led up to the invasion of Xerxes.

In the palace of Shushan in Babylon, onyx, porphyry and Pentelic marble were combined with probably the most beautiful effect the world has ever seen. The Chaldeans were adepts in the use of exquisite materials, and the wealth of the empire was at their disposal in building this palace. Such effects will probably never be worked out again.

The *Zigurat*, which is shown so conspicuously in all the imaginative pictures of old Babylon, was veneered with Pentelic marble. The statue of Astarté of Babylon, in the cubical chamber at the top of the *Zigurat*, came from Greece and was probably cut by Greek sculptors and then transported across the desert with the most irksome toil.

The commercial power of the Phoenicians was augmented through Pentelic marble. Greece was founded by the people who came there to work her marble quarries. The fame and renown of Greece undoubtedly rests first on the quality of her marbles and today with the quarries controlled by an English company equipped with American machinery, and with modern methods of transportation, Pentelic marble becomes an obtainable commodity for those who have wealth like the Pharaohs and Persian emperors.

The Vermont Marble Company of Rutland, Vt., has made an offer to the receiver of the Columbian Marble Company for a two year lease of the quarry and cutting establishment of the latter concern, which have been out of commission since the financial difficulties began last August. The offer made by the Vermont Marble Company carries with it the privilege of purchase at the end of the two-year lease for the stipulated sum of \$280,000. It is understood that in all probability this offer will be accepted.

Grotesque Monument Design.

The drawing upon this page copied from an illustration appearing in a recent issue of the London Graphic shows a somewhat antiquated but nevertheless strikingly grotesque form of headstone, the original of which can be seen in the ancient churchyard of Springkell, near Ecclefechan. The rude carving upon the marble plainly represents a young lady who met premature death through the ill effects of tight lacing and she appears to be in evident discomfort from the evils of the practice.

Directly beneath the figure of the agonized woman there appears another carving representing a man on horseback, riding at a furious pace. Perhaps this is meant to convey the idea of father or perhaps brother going post-haste to fetch the doctor.

Some enterprising monument man might take a hint from this ancient bit of sculpture and produce some very startling effects in monumental carving.

The Michigan Marble Company will soon install machinery at the new Verde Antique quarry, six miles northwest of Ishpeming. Dan Case is completing details.



A CURIOUSLY-CARVED ANTIQUE.

A. R. Keller has been appointed agent by the Alabama White Marble Company from the New York office. The home office is at Gantt's quarry, near Sylacauga, Talladega county, Alabama, where the quarries are located. This company was organized several years ago, and they have had no little success in quarrying the high grade Alabama marble, which has been known by local parties, as well as by a number of expert sculptors, that the marble will exist in that locality for a very long time.

C. D. Jackson & Co., 105th and East River streets, New York, is about to market a new line of imported marble, which is known as the Vert Corial marbles. There are four distinct classifications: The Vert Corial Clare, which is rose tinted with green veins; Vert Corial Ponce, which is red with green veins; Vert Corial Brillante, bright red with fine white veins; Corial Melange, dark red with a mixture of white and black veins. This marble is said to be highly decorative in its character.

Georgia Marble Described.

Recently the editor of the Atlanta Georgian printed a prose poem on the subject of Georgia marble which just about hits the nail on the head. The ever increasing popularity of this famous stone is due to the fact that it has met all the requirements made upon it by the most exacting architect and contractor. It has weathered all climes and wherever it has been used one hears nothing but praise for its marvelous beauty and its lasting qualities. We believe that our readers would be interested in reading what the Atlanta Georgian has to say and for this reason we print the article in full:

"Far to the north, where the beautiful twilight mantle of the Blue Ridge rests on the mountains, there lies a tiny white valley nestled in among the 'red old hills of Georgia,' the value of which cannot be estimated in regard to its present and future relations to the building interests of the nation. In this diminutive white vale, which extends but a few miles, is located the greatest marble deposit in the world.

"Forming the entire bed of the valley, it is as if some old rushing stream of the glacial period had suddenly been touched by the magic hand of the Creator and changed to a veritable river of solid marble. And just as the flowing waters, before this phantasmagoric transformation, caught and held the wondrous glories of the setting sun, the deep, dark blue of some quiet shaded pool or the dazzling snowy white of dashing foam that marks the whirling drift of the rapids, so this transformed stream of marble has caught these same indescribable colors and shades and held them on its placid bosom through the countless ages in the past for the admiration and envy of all nations in the future. In no other quarries of the world can there be found such variety of colors as belong to these Georgia marbles. There is the Cherokee marble, which fairly runs riot in its many grays from that colorless tint that suggests the rolling mist of a rainy day along the coast at ebb-tide on to such solid grays as belong to old uniforms which, for more than forty years, have been so tenderly wrapped in the memories and sentiment that belong to a 'Cherished Cause.' It is as if the very mist of the mountains had been unexpectedly caught by this changeless current of marble.

"So, too, in the Etowah marble of this wonderful stream, frozen to an adamant strength since the days when the world was young, are all those delicate shades of pink which nature alone knows how to use in painting the glories of departing day or the maidenly blush of a deep sea shell. Again, the dark blue tints and tones that belong to the creole variety of Georgia marble, range from that restful shade that marks the deep blue of the 'Old Swimmin' Hole,' where great black bass used to loaf so lazily to escape an August sun, on to those lighter, happier and most cheerful of all colors, the blue of a perfect summer sky about 'Knee Deep in June.' There is also the spotless, matchless pure white of the Kennesaw marble that appears to mark the full flood tide of this prehistoric stream, while millions of sparkling crystals flash a myriad of other whites so suggestive of the breakers or the spume and spray of the sea.

"But remarkable as are the unapproachable beauties of this Georgia marble, such as are its qualities and peculiar formation, that it is even more noted on account of its superiority for building construction and monumental purposes. This has been proved by chemical analyses, the severest tests and from the more practical way in which buildings of this material have withstood the wear and tear of time and weather.

"So widely are its merits and advantages now recognized that many of the nation's handsomest, strongest and most notable buildings carried a 'Georgia marble clause' as being of vital importance in the plans and specifications. As for monuments, in thousands of cemeteries in this and foreign countries its importation is rapidly growing—marking the last resting place of both the famous and the merely loved stand large and small shafts of Georgia marble, 'silent sentinels of stone,' and will continue to stand for many generations to come.

"This great industry, discovered by a Georgian, Samuel Tate, it is gratifying to know, is still presided over by no less a Georgian than Col. Samuel Tate, of Tate, the marble having been quarried by three generations of this family whose name must ever be inseparably connected with this great enterprise. But tremendous as is the present demand for Georgia marble, the industry is, comparatively speaking, in its infancy.

"And the procession of the sculptors, architects and builders from every portion of the known world has but just begun 'Marching to Georgia.'"

Stone.

THE NATIONAL CUT STONE CONTRACTORS' ASSOCIATION.

MEETS SEMI-ANNUALLY.

Robert E. Harrsch, Chicago, Ill. President
P. B. Parker, New York City First Vice-President
George Dugan, Bedford, Ind. Second Vice-President
Henry Struble, Chicago, Ill. Secretary-Treasurer

OFFICIAL ORGAN: ROCK PRODUCTS.

Cut Angels' Wings to Fit Niches.

Probably every reader of ROCK PRODUCTS will remember that Gutzon Borglum, the eminent sculptor, made some models of female angels to adorn the Cathedral of St. John the Divine on Cathedral Heights in New York city, and that on account of their sex these models met severe criticism from certain critics who promptly smashed the luckless angels of the weaker sex and ordered the unhappy sculptor to replace them with angels of the male gender. Downhearted over his first failure to please the cathedral authorities, but still resolved to continue his efforts, Borglum resumed his task and finally completed the new models from which were cut the figures now adorning the cathedral. Now there is more trouble over the angels, and this time the criticism comes from the sculptor himself, who says in speaking of the completed figures on the cathedral, "It is the worst—absolutely the worst—work in New York!"

After inspecting the figures in position Borglum said that a good part of the completed sculpture was nothing more than rubbish and that the work in no way represents his artistic ideals or judgment, and that if something isn't done to remedy matters he intends to take legal measures for the purpose of protecting his reputation as a sculptor.

According to Borglum, the fault with the work is in the manner in which the stone was cut after he had prepared correct models. The architects, he declares, let the work out to a firm of stone cutters who have done the job in a slovenly manner, with the result that the completed figures are in no way representative of the models from which they were supposed to have been made.

"The large angel placed in the niche of the Belmont Chapel, I noticed, is very flat," says Borglum. "It is greatly crowded into the niche. I found upon examination that this was due to the fact that the figure was from a flat stone and it was necessary to clip the wings of the angel in order to avoid the dark shadow which would have otherwise shown back of the figure in the niche. I have watched the placing of the other figure, its companion, and it had the same fault and was mutilated in the same way. These figures were not designed to have their wings trimmed in order to fit the niches, and if there had been stone enough allowed back of them it would never have been necessary, although the plinth at the bottom might have required trimming back."

Borglum was shown a criticism of the sculpture on the cathedral published in the Building News of London, which said, in part:

"A battle royal was fought out in Transatlantic artistic circles as to whether its sculptured angels should be modeled from male or female ideals. How that latter dispute was settled we have, probably, most of us no recollection, but judging from results, some of those already in evidence in the actual stone suggest Lucifer himself was not far away when they were actually created.

"Perhaps the worst of the series is a colossal group, supposed to represent St. Michael trampling upon the vanquished Prince of Darkness. This fills a niche situated above the south flanking buttress from the eastern front of the Belmont Chapel, the most conspicuous corner of the east end. It is simply indescribable, save as a large block of stone ruined in its manipulation."

Borglum pronounced this attack upon the work absolutely fair and then denounced the whole completed lot of sculpture as the worst in New York.

On January 24, Borglum wrote a letter to the architects, a copy of which was sent to the building committee, in which he bitterly complained about the methods used in reproducing his models. In a part of the letter he says: "Fundamentally, the great blunder has been in not carving this work within possible reach of the sculptor. I have said so much about this to everybody connected with the work for nearly two years now that it is hardly necessary to reiterate it here. The stone carvers do not follow the models; they do not pretend to; they change the sizes of them, or sizes of parts of them, as they please, either for the convenience of stone or for some other reason that I do not know of. They have admitted this to me in the course of conversation."

Continuing his criticism, Borglum said: "Some of the work is irretrievably bad and nothing would be of any use except to pull it down and throw it away, but a large part of it could be retrieved by skillful and careful workmen proceeding under the personal direction of the sculptor. But as it stands, this work is not mine and I will not be held responsible for it."

"I have spent the best part of two years in work for the cathedral. I undertook this work practically for no material consideration. I told Dr. Huntington that I was doing it so cheaply because of the reputation I hoped it would give me."

"It was agreed from the start that I should have entire supervision of the work. I now find that instead of an honor it has become a blot and a stigma upon my reputation."

"One of the first requests that I made was that some sort of shelter should be erected where the cathedral is being built so that the stone carving could be done under my personal direction. Only recently has any provision been made for myself or assistants and every bit of the stone carving has been done over in Hoboken."

"In any event," concluded the sculptor, "when I have finished the work at present outlined for the cathedral I shall have nothing further to do with that institution or its decoration. Nothing would induce me to have any further professional relations with the men who are at present in control of the work of construction. They have no conception of what this work ought to mean or the result that ought to be attained. The spirit of the thing is not in them. They have no realization of it."

C. Grant La Farge of the firm of Heins & La Farge would not discuss the matter at any length, but simply stated that he thought Borglum's figures were for the most part pretty good and that the stone cutting was as near the originals as could be expected.

Stone Company Incorporated.

SAN FRANCISCO, CAL., April 30.—The Merced (Cal.) Stone Company has just been incorporated in this city with a capital stock of \$200,000. Of this, \$10,000 has already been subscribed. The principal purpose of the company is to manufacture and deal in cut and crushed stone, especially in Merced county. The incorporators are F. G. Drum, S. D. Prathers, F. T. Elsey, Thomas Turner and Thomas Prathers. The principal places of business are Merced City and San Francisco.

BUFF LIMESTONE INSIDE AND OUT.

Departure in Interior Finish for Churches Introduced by Buffalo Architect.—A Pronounced Success.

BUFFALO, May 1.—One of the most imposing structures in this part of the country is the First Unitarian church of Buffalo. The church is located at Ferry street and Elmwood avenue and was begun in March, 1905. The work was completed last year. The architects who prepared the plans are E. A. and W. W. Kent of 1088 Ellicott square, Buffalo. The stone contractors in charge of the work were Carr & Ball, Newark, N. J., and A. P. Kehr, Buffalo.

The church cost \$100,000 and is entirely of buff Indiana oolitic limestone inside and outside. The stone was furnished by the Bedford Quarries Company. The front of the church is emphasized by an English stub tower about eighteen feet square, forming an entrance vestibule, and a study overhead.

The work is very remarkable from the fact that the entire stone work is dressed throughout and no material has been left rock faced.

Asked for his views regarding the stone work, E. A. Kent, architect, said to a representative of ROCK PRODUCTS: "The cost of the inside stone work was practically no greater than the usual plaster interiors as found in America, and gives, without further decoration, a pleasing warm yellow effect."

The church contains considerable very rich and interesting oak carvings and some good Gothic glass of very varied designs of color on a white background. The entire structure is designed in the English parish Gothic of the thirteenth and fourteenth centuries. The church has a stone floor and an effective English hammer-beam roof in antique oak. The roof trusses spring from large stone corbels about ten feet above the floor.

The church has 550 sittings and is about 60x100 feet, with an adjoining parish house 70x45 feet.

On account of its architectural beauty the church is attracting a large number of resident and out-of-town visitors daily. The structure is a dignified and beautiful piece of Gothic stone work.

Book for Stone Contractors.

A publication that will be received with favor by cut-stone contractors throughout the country is a treatise on the subject of laying out work for the use of the stonemason. Louis Kreis, of 57 East One Hundred and Second street, New York City, is at present at work on the book and expects to issue the same some time early in the fall. He is well qualified to handle the subject in an intelligent manner, as he is known to be an expert on the subject of figuring large stone contracts and laying them out for the operator. He has had practical experience covering a long period of years, during which time he served his apprenticeship at the bench and on up through to the office. The first installments of the book will be printed in ROCK PRODUCTS by permission of the author.



UNITARIAN CHURCH, BUFFALO, N. Y., BUILT OF BUFF INDIANA LIMESTONE.

NEW YORK STONE ACTIVITIES.

North River Blue Stone in Demand.

Mr. C. C. Bull, general sales agent of the Hudson River Blue Stone Company, at 280 Broadway, says that a good trade exists on the company's famous North River bluestone. This stone, which is quarried in the Catskill mountains, is noted for its hardness, which makes it an excellent material where durability is the thing especially desired, and therefore the majority of the product of the Hudson River company finds its way into sills, treads, floors, steps, sidewalks and curbing, as well as fancy work and trimmings for buildings. The fact that this bluestone never wears slick makes it especially desirable for floors and steps. The company has been awarded the contract for furnishing the floors and steps in the new normal school buildings of Boston. A great deal of the product is used for sidewalks, and examples of this class of work can be found at the new Scribner building, in front of W. K. Vanderbilt's Fifth Avenue residence and numerous others in this city alone. Some very large curbing contracts for New York city are being supplied by the Hudson River company, and business prospects for the year are exceedingly favorable.

North River bluestone is quarried over a large area rather than to any depth, which fact, combined with its quality of hardness and greater difficulty in working, makes it a rather expensive material, and it therefore has its distinctive uses.

Sees Conditions Improving.

Mr. F. A. Dickinson, 1 Madison Avenue, the New York representative of the Bedford Quarries Company, is in rather an optimistic mood this month regarding the outlook for business in the building trades. He notes signs of improvement in conditions which predict a prosperous year in spite of the scare talk which has been heard lately. Mr. Dickinson said that the increased number of building projects announced at present indicated to his mind that business conditions were improving. As far as his company is concerned they have numerous large contracts on hand, among the most important of which is the new City Investing building now being erected at Church and Cortlandt streets.

Dark Hollow Stone in McAdoo Terminal.

George Doyle & Co., 287 Fourth Avenue, have recently been awarded the contract for furnishing the limestone to be used in the erection of the new McAdoo tunnel terminal buildings. About 100,000 cubic feet of their stone from Dark Hollow, near Sedford, Ind., will find its way into the mammoth Cortlandt and Fulton buildings. This is one of the largest limestone contracts let this season.

There is no such thing as dullness existing with the George Doyle company, as the large contracts which they have in New England, in connection with the New York business, insure a full year's business. Mr. C. W. Conant, 45 Milk Street, Boston, is the New England representative of the firm, and ear after ear of Dark Hollow stone is now being rushed to his section to fill orders secured by his efforts.

Has no Complaint to Make.

Among the many stone dealers of New York there is none more optimistic regarding business conditions at present and the general outlook for the year than Michael Cohen of 1133 Broadway. Mr. Cohen stated to the representative of Rock Products, who called upon him a few days ago, that he has orders on his books for over 100,000 feet of stone, and that only the day before the reporter's visit he had secured a contract calling for 40,000 feet of limestone. He says that as far as his business is concerned he has no cause for complaint, as he finds plenty of orders coming in and prospects getting much brighter as the season advances. He looks for more or less of a boom in the building line within the next two or three weeks.

The product of the Bedford Stone & Construction Company, which is handled here exclusively by Mr. Cohen, is finding favor in the market and stone is being shipped steadily from the new quarry to New York.

Have Large Boston Contract.

Booth Bros. and Hurricane Isle Granite Company, 207 Broadway, have secured the contract for furnishing the large amount of granite to be used in the erection of the Museum of Fine Arts at Boston. Maine granite is specified. Guy Lowell, 42 East Twenty-third Street, this city, is the architect, and Ambrose B. Stannard, 1133 Broadway, is the general contractor.

John Peirce & Co., the large cut stone contractors, have moved their offices from their former location at 277 Broadway to the eighth floor of the new West Street building, where they have increased office facilities for handling their business. The firm has a very large number of important contracts on hand.

Slate.

Outlook in Chicago

CHICAGO, May 4.—About the condition of the slate business in Chicago little can be said, as there are but a few concerns here, and in comparison to other cities but little slate is consumed. For roofing purposes but few buildings have slate roofs—first, because the building ordinance does not require slate, and, second, because the cost is so much higher than other materials that few care for a slate roof. It is only on very expensive buildings that slate is used. Towns the size of Cleveland, Ohio, or St. Louis, Mo., where the building and fire ordinances require slate on a gable roof, consume more than Chicago. Of late years the larger manufacturers of cornices and windows have entered the sheet metal field, leaving only small concerns in the slate line. A very large amount of slate that comes into this market is used by electrical manufacturers, of which some of the largest are in this city.

The McCormick company and the Western Electric Company use large quantities. Most of the slate used by these people comes from the quarries in Maine, that particular slate being especially adapted for their use. The large plumbing goods manufacturers also use considerable slate. One of the largest jobs of that kind requiring slate was in the construction of the Sears-Robuck & Co. building, which used about 70,000 feet.

H. G. MacLellan & Co., whose slate quarries are in Pennsylvania and Vermont, have an office in this city, in charge of Mr. Harry G. MacLellan. They carry a line of finished stock of their product here and have a large trade with the railroads, supplying the roofing slate for depots, etc. Mr. MacLellan said that he had filled several orders lately for restaurants. The Boston Oyster House has lately put in two oyster sinks for keeping oysters on the half-shell. Grooves are made in the bottom to drain the water and the oysters are thus kept fresh and in a more sanitary receptacle. He also stated that the demand for slate from all parts of the country the past year greatly exceeded anything that has been known in the past three or four years. The supply is much less than the demand and it is with difficulty that the market can be satisfied.

New Concern Opens Up in Chicago

The Southwestern Slate Company, whose quarries are located at Slatington, Ark., have their general offices in Chicago. The president of this company is N. B. Van Slyke, the vice-president is W. H. Jackson, the treasurer is W. V. Ghisler and the secretary is J. M. Van Slyke. The manager of this office is E. Higham. The company owns about 2,000 acres of black and green slate, together with a vast and rich deposit of red slate. E. R. Buckley, state geologist of Missouri, in making an examination of the slate in this vicinity reported that the amount to be quarried was inconceivable. The deposit of red slate was found to be of the highest quality and very little stripping is required to quarry it. The colors were remarkably strong and permanent, as shown by the ledgers exposed to the weather and compared with that covered. This is especially adaptable for roofing purposes. There seems to be an unlimited amount of black slate here, and the beds lie in such a position as to greatly facilitate quarrying. The chemical analysis shows that this slate is of the highest quality, and the acid tests applied to the red slate showed that it easily withstood all the tests.

Expects Slate Trade to Improve.

Mr. W. H. Kirtland, No. 1123 Broadway, one of the foremost slate dealers of New York, has just returned from one of his frequent trips through the Bangor slate region. He reports business at the mills a little quiet at present, owing possibly to the prevailing backwardness in building operations. Mr. Kirtland is inclined to put the blame for this upon the weather man and he believes that as soon as spring opens well he will see a great improvement in the slate business. Mr. Kirtland sells both roofing and structural slate and says he expects a very good year for the entire slate industry.

In Vermont—New York Slate District.

In discussing the outlook in the Vermont-New York slate district the Mathews Consolidated Slate Company of Boston, Mass., operators of large quarries in New York and Vermont, have the following to say:

"The outlook in the Vermont-New York slate district is even more promising than usual, notwithstanding an extraordinarily hard winter, which has caused many of the quarries to be shut down. Activity is now showing, however, the large producers adding equipment and making new strippings for roofing slate and erecting mills and machinery for the increased production of structural slate.

"On account of the widely scattered properties through this district it is difficult to give an estimate of the actual amounts of roofing and structural slate shipped for a given period, but we have noticed for the past few years that shipments of slate from this district have been on the increase both in roofing and structural.

"The quarriers are now looking to the establishment of direct agencies and picking their men for such representation, which will necessarily have great tendency to create increased demand for the product of this district."

The Mathews Consolidated Slate Company are exponents of the activity now going on in the slate district of Vermont and New York and are at the present time making improvements which will increase their output 50 to 100 per cent. This company has recently made extensive government contracts and with its increased output will be far more able to cope with the large demand which has heretofore exceeded the supply of its product.

Vermont Producers Open New Lines

On account of the fact that a great deal of Vermont slate is used for electrical purposes while the product of the Pennsylvania district is more confined to the building trades, the mills of the former district have been more active during the past months than the latter. However, there has been a pretty good trade started in roofing and structural slate this season and all slate men look forward to a profitable and busy year.

Slate Quarry Sold.

EASTON, PA., April 25.—Part of the Albion slate quarry at Penargyle was sold here yesterday at a trustee's public sale for \$226,965. The portion sold was that operated by the Stephens, Jackson Slate Company. Richard S. Jackson and Harry Stephens were the buyers.

The sale was made because of differences among the owners. The price is considered highly satisfactory by the trade. The property consists of 30 acres.

Delayed by a Strike

Nearly every plant in the Western Vermont slate belt is tied up by the striking of 500 quarrymen and mill men because the operators refused a raise in wages, which would amount to a nine-hour day with ten hours' pay. It is expected that the strike will extend to Pawlett and Granville, N. Y., which are in the same slate district.

Making Important Improvements

Slate Manufacturer F. C. Sheldon, of Whitehall, N. Y., is planning to build a track from his Briar Hill quarry to the one on the road known as the Tunnel quarry. Small box cars will ply back and forth, carrying slate to the quarry on the road and bringing coal back. The road will be a half mile long and the cars will be run by an engine stationed on the hill. This plan was first introduced by Mr. James E. Norton, and its execution by Mr. Sheldon will be of great advantage to the company.

New Concern to Operate in Roofing Slate

The United Peach Bottom Slate Company, of Baltimore, Md., has been formed to manufacture, sell and deal in slate, tile, brick, etc. The capital stock is \$25,000. The incorporators are Matthews J. Dem, Harry E. Karr and Harry Proctor.

A Little Blaze

A fire broke out in the boiler room of Clark C. Wise's slate factory at Bangor, Pa., a few days ago and did considerable damage. The fire was caused by stray hot ashes coming in contact with saw dust from the shavings box.

INDIANA OOLITIC LIMESTONE



BUFF INDIANA LIMESTONE INTERIOR WALLS COMBINED WITH ANTIQUE OAK.

UNITARIAN CHURCH, BUFFALO, N. Y.

Perhaps one of the best examples of church architecture brought to completion recently is the splendid church edifice of the Unitarian Congregation at Buffalo. It is unique, by reason of the fact, that the walls are built of solid buff stone blocks, all the surfaces being planed so as to make the interior finish of the structure. A more complete description is to be found on another page with the illustration of the exterior. One harmonious plan has been used throughout. The interior is made especially effective by employing antique oak in the roof scheme as well as all of the furniture, making a splendid contrast with the rich buff of the smooth limestone walls. This effect is most pleasing and reflects high credit upon the architects E. A. and W. W. Kent of Buffalo, and, also, A. P. Kehr the cut stone contractor. In this building there were used 12,000 cubic feet of buff Indiana oolitic limestone. The stone was taken from the famous Hoosier quarry of the Bedford Quarries Co., whose general sales offices are located in the Marquette Building, Chicago.

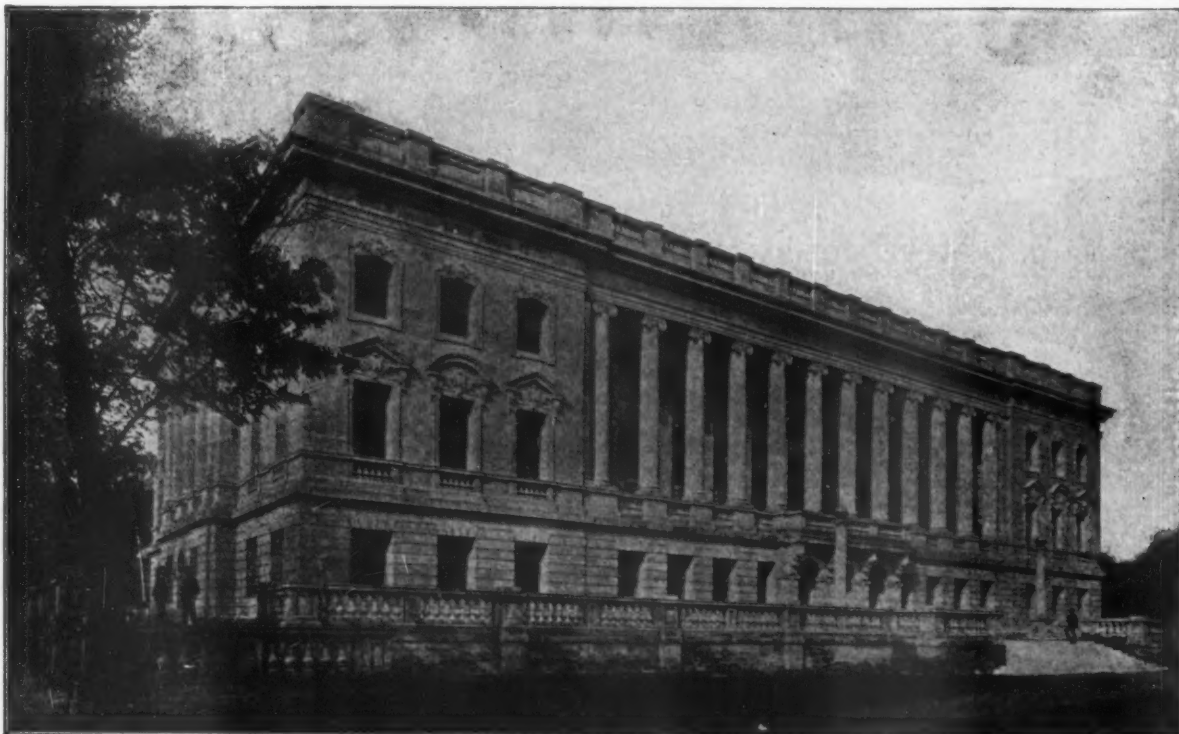
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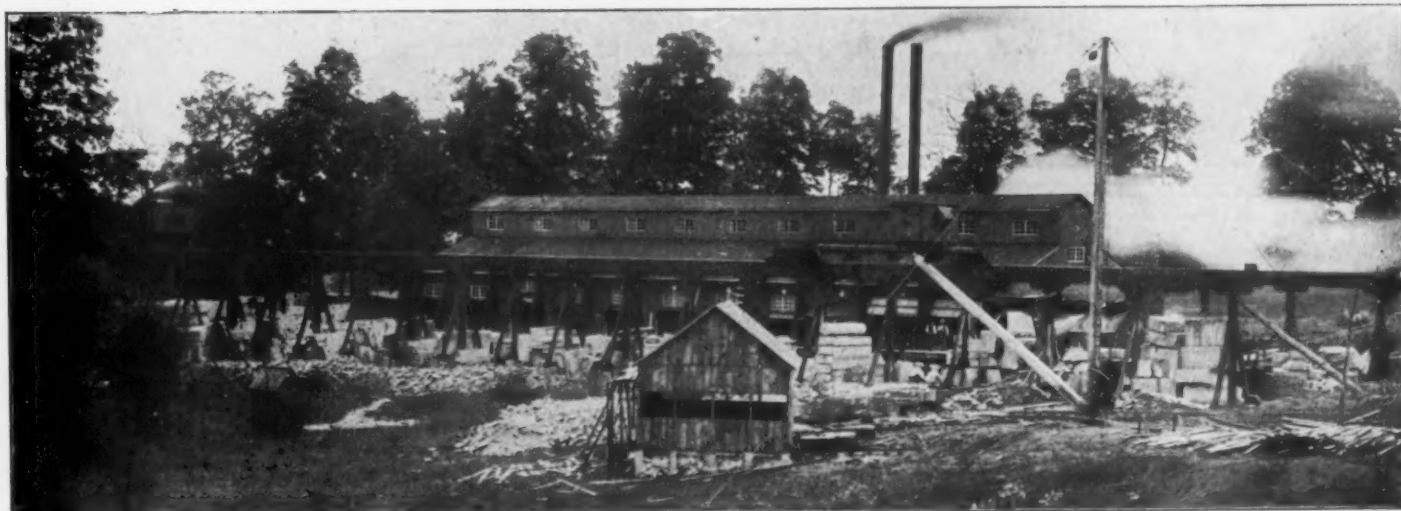
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WE ARE PRODUCERS OF BUFF AND BLUE

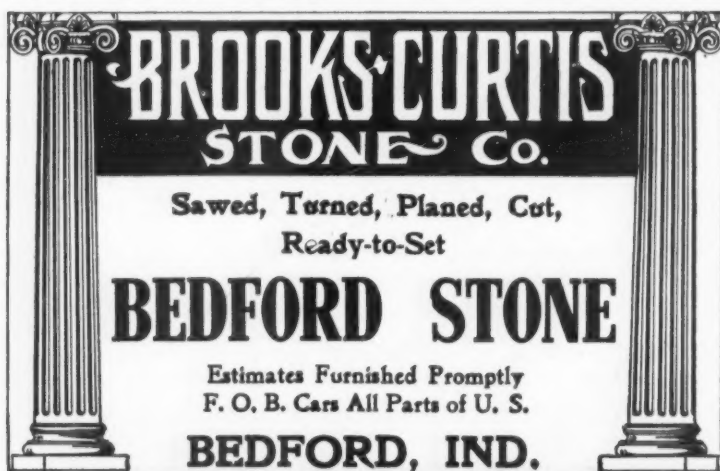
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IN THE WESTThe above Buildings were Erected from the
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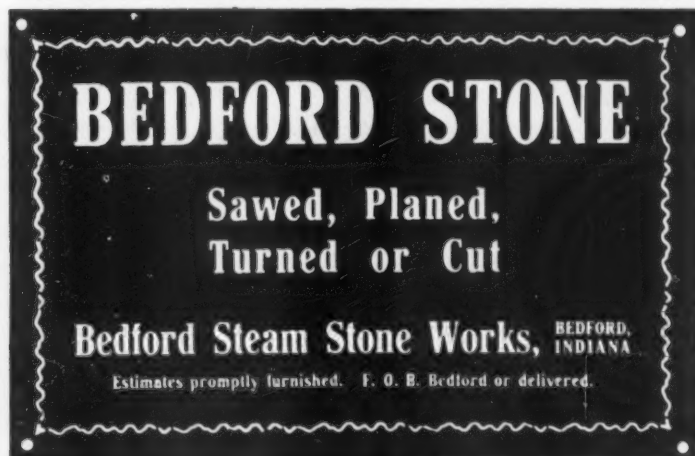
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Bedford Steam Stone Works, BEDFORD, INDIANA

Estimates promptly furnished. F. O. B. Bedford or delivered.

John A. Rowe,

CUT STONE WORKS.

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82 designs, price . . \$1.00**BEDFORD, IND.****Indiana Bedford Stone Co.,****MILL BLOCKS and
SAWED STONE.....**Complete Stock of Seasoned
Buff Stone and Quick Service.**BEDFORD, IND.****The Furst Kerber Cut Stone Co.**

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Our Workmanship assists us to land many a contract. We have the
latest mechanical equipment, but we are also **Expert Stone Cutters.**Works entirely enclosed, enabling us to work in
all kinds of weather, Bedford, Ind.**Direct all Correspondence to Main Office, 443 5th Avenue, Chicago, Ill.**

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QUARRYMEN AND MANUFACTURERS OF

Blocks, Sawed, Planed, Turned and Cut

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We can turn stone 24 feet long,
Saw stone 17.6 feet long.

Estimates Furnished on Application.

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OFFICE AND MILLS - BLOOMINGTON, IND.

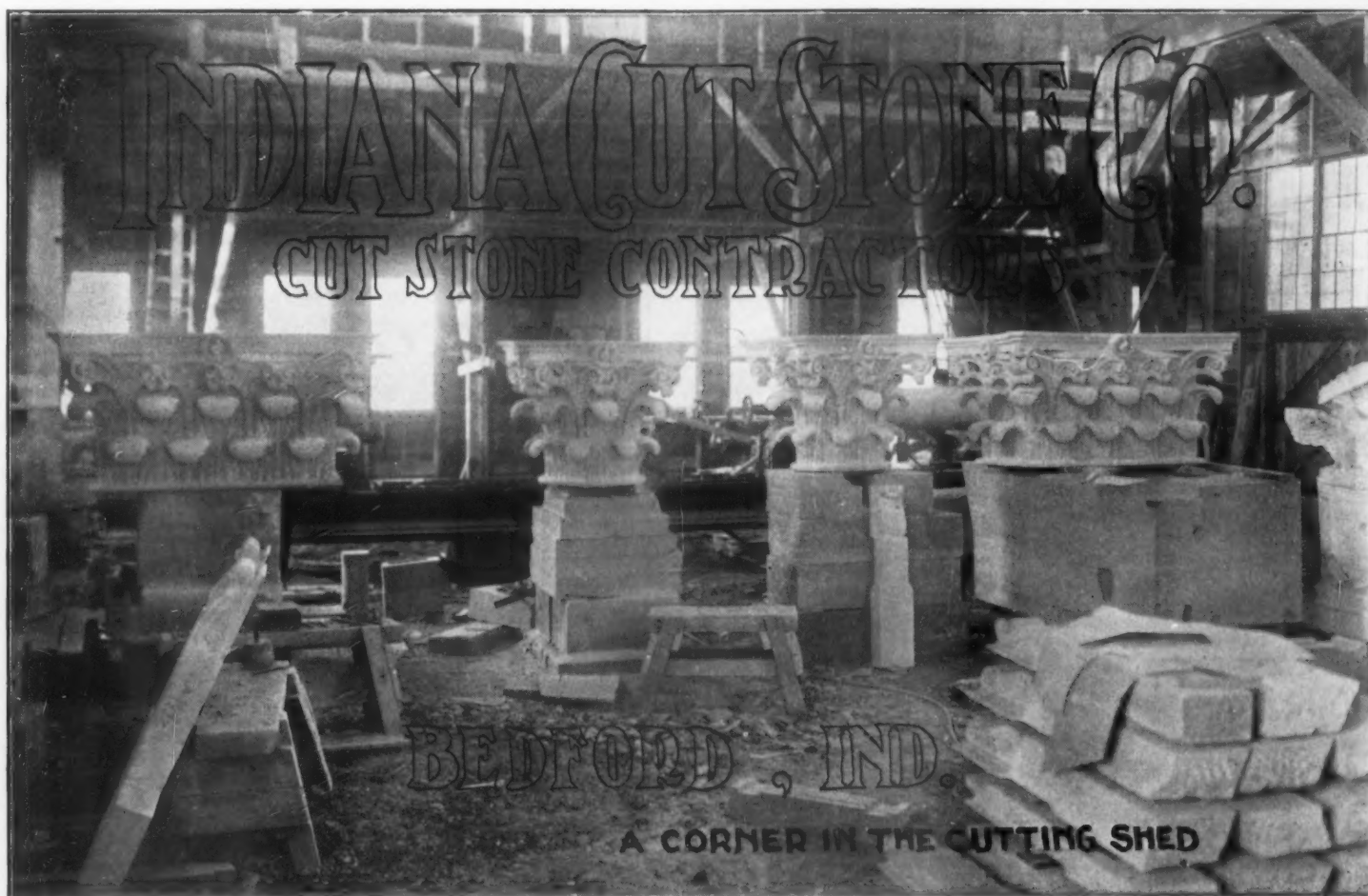
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Estimates promptly furnished at all points in the United States

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Quarries.

INDIANA OOLITIC.

There is a Great Volume of Small Orders in All the Stone Cutting Plants.

PLENTY OF ESTIMATES FOR BIG JOBS.

BEDFORD, IND., May 3.—The quarrymen and millmen of the Stone City district are giving thanks for the few sunny days. Truly, winter has lingered in the lap of spring for a long time this year, for the weather bureau at Washington gave out the report that the East had had the coldest spring for twenty-six years, and that applies more or less to every other part of the country. This has in a measure retarded the building operations, but the stonemen have not been affected as much as one might suppose. All are busy—comfortably busy; that is, they could, by stretching a point, take on some new work. By the amount of figuring that has been done this spring the coming season promises to be the greatest in the history of the district, but various things have conspired to make the season backward. Many of the largest buildings which were figured on early in the spring have not been let.

The great majority of the jobs which are now being gotten out may be said to belong to what is known as small jobs—that is, jobs requiring eight or ten cars. The district is probably in better shape this year to handle a large volume of business than ever before. Many of the quarries have added new equipment, and all of the new mills are putting on their finishing touches, getting ready for the real rush which will soon begin.

It is only another evidence of the ever-increasing popularity of oolitic stone that all of the quarries and mills could be kept busy on small jobs, proving conclusively that the stone finds favor for smaller constructions as well as the large.

The Brooks-Curtis Stone Company has been keeping its gangs busy, but has been a little bit shy on planer work. Mr. Brooks is at present down south on a business trip looking after several very large contracts on which he has been figuring. Mr. Curtis has been keeping the mill going steadily, and on the whole they have nothing to complain of.

Mr. C. S. Norton, of "Royal Blue" fame, was smiling, as usual, as nothing ever seems to affect the sale of this excellent quality of stone. In fact, Mr. Norton says they have never been able to get out enough stone to meet the demand.

The Climax Stone Company has been running its mill throughout the spring. Mr. McKinley early in the season secured some good large contracts, and these will more than keep him busy throughout the season. He is very highly pleased over the outlook.

The Bedford Stone and Construction Company are working along right merrily and have secured several large contracts which will keep them busy for some time to come. Michael Wallner says that it was no easy job to open up a new quarry, build a railroad and construct a mill at one and the same time, and it is a job that he would not like to undertake every day. Now that things are running smoothly, he can look back over his troubles and thank his stars that they were no worse. They have recently taken on the contract to furnish the stone for the Live Stock

Pavillion at Indianapolis and a new opera house at the same place. Besides this they have quite a number of smaller jobs to fill in the gaps and already Mr. Wallner is feeling the need of more machinery and says that by next season he will increase the capacity of his mill. When this mill was built the power plant that was installed was really put in to take care of several additional gangs and planers, so that when these additions are made it will not require any more power to propel them. Mr. Wallner is shipping quite a lot of sawed stock to New York City, where Michael Cohen, who is their New York representative, is placing it to good advantage. Mr. Wallner recently received a letter from Mr. Cohen in which he expressed himself as being highly pleased with the fine quality of the stone. Everything is going along nicely at the quarry and the fine blocks which are being taken out would seem to indicate that the Bedford Stone and Construction Company had found in the Wallner quarries a veritable gold mine.

The Dugan Cut Stone Company expect to complete the capitol at Frankfort, Ky., by June 15. They are shipping the stone for the immense dome which surmounts this magnificent structure. The Capitol Commission have decided to build very handsome approaches to the capitol, consisting of a double stairway and an enormous terrace, running completely around the building. Between the double stairway will be placed a fountain. These improvements will greatly enhance the beauty of this structure. Mr. Dugan is at present at Frankfort looking after his interests there. M. F. McGrath, who has charge of the mill, says that they have been keeping busy on a lot of small contracts. They have been doing quite a good deal of figuring and are very sanguine over the outlook. They recently installed two new Patch open-side planers, which Mr. McGrath considers very handy machines. Mr. Dugan has recently caught the automobile fever and has purchased a very handsome machine. He has been the subject of a great deal of good-natured railery on account of his well-known antipathy to the automobile heretofore. He has always said that he would never purchase one because it would be impossible for him to get underneath to repair it, but now since they are building them with the machinery on top he sees no reason why he should not enjoy the pleasures of automobiling as well as his more slender brother stonemen.

The Indiana Cut Stone Company is putting the finishing touches on its already well equipped plant. It is at present installing two new planers which it purchased from the New Albany Manufacturing Company, and also a traveler with a capacity of twenty-five tons. This will give it three travelers. Louis E. Koerner, the general manager, says that they are rapidly completing the stonework for the Union Station at Little Rock and are working steadily on the Wade Park Bank job now nearing completion in Cleveland. This, with quite a number of small jobs, has enabled them to run their plant steadily, and with the new work coming in there is every indication that this plant will continue to be one of the busiest in the district. Mr. Koerner says that he has only one fault to find with this spring's business and that is that people hold off until the last moment and then expect to get their stone shipped the next day. It is impossible to keep a stock of stone on hand as is done in other lines of general merchandise, as everything has to be sawed and planed to order.

Robert Reed, of the Oolitic Stone Company, of Indiana, which controls several companies, says that all his various enterprises are in good shape and that he has been busy and has enough work on hand to keep things going for some time to come.

John A. Rowe is at present in Indianapolis looking after some work there. He has plenty of small jobs on hand to keep busy and has been doing his share of figuring. He has enough work in sight to keep things humming during the season. The monumental end of his business has been exceptionally good, owing to the fact that Decoration Day is drawing near, and the monumental men all over the country are clamoring for their jobs in order to have them ready and set up by that time.

John R. Hughes, of the Bedford Cut Stone Company, is also in Indianapolis, but expects to be back in a few days. Among the very handsome jobs which they are at present turning out is an immense memorial which goes to the East. They are three handsomely carved brackets with angel heads that will make this a distinctively beautiful monument. Ben Winegardner, one of the foremen, says they have all they can do at the present time and have been running the plant steadily since they began a few months ago.

Mr. Carl Furst, of the Furst-Kerber Cut Stone Company, has enough work on hand to run his immense plant at full tilt. Most of it is small jobs,

however, and work for other quarrymen and millmen in the district who take advantage of this magnificently equipped plant to help them out on their fine work. No mill in the country is better equipped to do the work than the Furst-Kerber plant. Cut stone contractors come from all over the country to visit this model plant. It has many features, among them being a circular segment planer, which is the only one in the district. They also have the most complete assortment of turning lathes and column base turners in the district.

W. N. Matthews has returned to his home at Bedford much improved in health. He spent the winter in Florida, alternating between the Gulf coast and the east coast. He is ready to take up the reins of his business and has been busy receiving congratulations from his many friends, for he is not only one of the oldest but one of the most popular stonemen in the district.

W. McMillan & Son have been making extensive improvements at their Bedford Buff Stone Company's plant at Peerless. They have recently installed three new derricks, four new gangs, besides a complete outfit of planing and turning machines, most of which were purchased from the New Albany Manufacturing Company. The plant is electrically driven and a new engine was installed with a 250-horsepower capacity. Walter J. Farris says that they now have one of the best plants in the entire country. Every bit of the machinery is new and of the very latest pattern. No expense was spared in any department, and the plant is as complete as human ingenuity and skill can make it. They have been extremely busy all spring and have quite a number of fairly large sized contracts on hand at the present time.

At the offices of the P., M. & B. Stone Company it was learned that at both the quarries and mill things were going along about as usual with nothing startlingly new to talk about. Nat Joiner was out at the quarry looking after the immense operations there.

E. E. Dickinson said that the Bedford Quarries Company was busy, as usual, and that it had plenty of small jobs on hand with a sprinkling of larger ones which would enable them to run throughout the entire season up to their capacity. He says that the quality of stone which they are taking out this season is up to their expectations. F. S. Dickinson, their New York representative, paid a flying visit to the quarries and mill and expressed himself as highly pleased with the general outlook.

E. B. Thornton could not be seen at the offices of the Bedford Steam Stone Works, but inquiry elicited the information that the plant had been running steadily and that while they had not taken on any very large new contracts, they have plenty of small work to more than keep them busy for quite a long period.

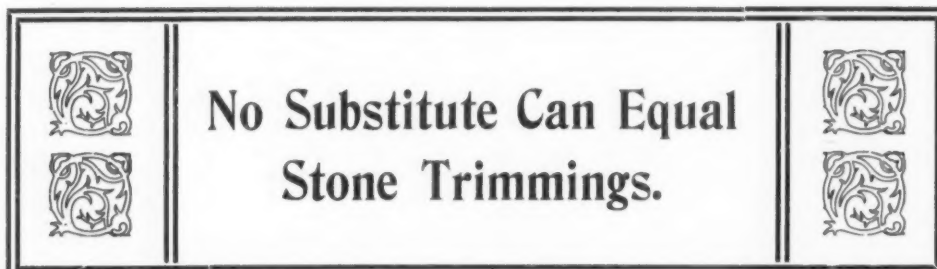
BLOOMINGTON DISTRICT.

The city of Bloomington is all agog in anticipation of the court house corner-stone laying, which is scheduled for Friday, May 10. Monroe county is justly proud of the fact that she is to have a new court house and will celebrate the event by an old-fashioned corner-stone laying at which oratory, song and music will be rendered in one grand acclaim. The principal address will be made by Judge James B. Wilson. Several brass bands will discourse popular airs, and a chorus of fifty male voices will sing the national anthems. The Masonic fraternity of Bloomington will have charge of the arrangements, assisted by numerous sister lodges from neighboring counties. The celebration will be preceded by a grand parade. The work on the Monroe county court house is going along steadily. The first story—stone—is being furnished by the Bloomington Cut Stone Company and it is all ready to be set. George Henley & Co. have the general contract for furnishing the stone.

John Hunter, of the Hunter Bros. Stone Company, has just returned from the East and is highly enthusiastic over the outlook. While in Washington he secured a contract to furnish the stone for the new residence to be erected by Senator Mullane near the Capitol building. This promises to be one of the handsomest residences in Washington when completed. Mr. Hunter secured several other contracts while in the East and says that business with him is exceptionally good.

J. H. Campbell, manager of the South Side Stone Company, has been running his mill steadily throughout the spring. One of the biggest jobs which he has contracted to furnish the stone for lately is a school building at Port Huron, Mich. This, with quite a number of smaller jobs, has served to keep his establishment running full tilt for some time past. Mr. Campbell is sanguine over the outlook and predicts one of the largest seasons ever known in the district.

(Continued on page 35.)



INDIANA oolitic limestone has a record which cannot be set aside by any man who takes up the consideration of stone specifications for any modern building work. The effect of carving in natural stone cannot be successfully imitated by any known process of molding plastic materials into forms that imitate the work of the carver's art. Plastic work of this description, when attempted, always carries with it a flatness and palpable lack of relief that makes it really unworthy of consideration as compared with the richness always obtained by the carving of natural stone.

Of late years costly experiments have been attempted by the manufacturers of what is called structural terra cotta, and they have attempted in vain to market a very high priced product for ornamental purposes as a substitute for carved stone. This, like every other new system and untried method, has secured some following, for he, indeed, spoke the truth who pronounced the axiom that "All the fools are not yet dead."

Real stone trimmings cut by an accomplished artist to the full depths and upon the brave lines of a real artist's design can be provided for the trimming of every description of building of oolitic limestone at figures that are impossible to the people who have nothing to offer but a substitute at best, and which must always be considered and remain a substitute and nothing more. Substitution of materials detracts from the value of any finished work, whether it be the substitution of shoddy for woolen fabric or terra cotta molded in imitation of the carving of cut stone. The value of a substitute is temporary, because, it only appeals to that portion of mankind who are easily satisfied; while the "real thing" keeps its value, and is accepted upon its merits all the time by every one.

The production of stone trimmings in the great oolitic district of Indiana has been overlooked by numbers of architects who have been disappointed by not securing an appropriation sufficient to have the whole building, or at least the entire front, built of limestone, and this is to call their especial attention to the fact that any of the many cutting sheds in the district are always prepared to promptly execute orders for trimmings, whether it be merely plain machine work for belt courses, window sills, window caps, or the most highly developed carving for doorways or cornices.

Many times over the architect will find it to his advantage to submit drawings of the trimmings for all kinds of structural work, whether it be an important and costly sky-scraper in one of the larger cities or a modest residence in a country town.

INDIANA OOLITIC.

Continuation of the News From the Bloomington District—See Page 33.

William Johnson, of the Johnson-Matthews Company, recently returned from a trip to Europe, looking the picture of health. He says that while on the other side of the "pond" he encountered some of the worst weather he ever experienced. A damp, cold, penetrating mist enveloped the country almost the entire time he was there, so that sight-seeing was carried on under great difficulties. However, he enjoyed his trip immensely and is ready to get back in the harness. He says that the stone business seems to be flourishing and that while they have no extra large contracts on hand, they have a sufficient number of small ones to more than make up the deficiency and that prospects for the coming season look very bright.

W. H. Johnson, of the Chicago & Bloomington Stone Company, says that his firm has completed the contract for the stone used on the court house at Gallatin, Mo., and has secured several nice contracts that will more than keep him busy throughout the season. They have been making some improvements at their mill, and are better equipped than ever to take care of their immense business. The Chicago & Bloomington Stone Company are making a specialty of planer work and have recently installed two new planers.

The Eagle Stone Company reports that it has all it can do at its quarry and mill, but that it has nothing big on hand at this time, the main part of its business being made up of smaller jobs. It has been running steadily throughout the season. Frank Kern, who lives at Mattoon, Ill., makes regular visits to the quarry and mill and says that the outlook is very satisfactory.

The National Stone Company has recently added quite a lot of new equipment in its quarry, which will better than ever enable it to handle its large business.

George W. Henley, of the George W. Henley Stone Company, is at present in Washington looking after some work there and expects to return the first part of next week. Mr. Thornton, of the same firm, says that they have practically all they can do and that with the new contracts which they have secured recently they have no complaint to make about business. They are getting the stone out for the Monroe county court house among other things.

The Mathers Stone Company has recently added two new planers and an additional 100 feet to their tramway. This firm is among the busiest in the district.

The Bloomington Cut Stone Company has had plenty to do, but none of its jobs have been very large. It has practically secured one or two big jobs which will more than run its mill to the fullest capacity throughout the summer. The switch which it is building to its quarry is almost completed and about the middle of this month it expects to get stone from its new quarry.

The Hoadley Stone Company is one of the busiest mills in the district. It has recently secured a contract to furnish stone for the dormitory of Earlham College at Richmond, Ind. Edwin S. Bundy, of that city, is the architect. It has also secured the contract for the Hay county court house at Greensboro, Ala. This job is almost complete and the last car of stone was shipped today. P. J. Osterling, of Montgomery, Ala., is the architect. Another job which it has secured recently is a skating rink at Uniontown, Pa., for which Andrew T. Cooper is the architect. These jobs and a lot of small ones have served to keep it busy during the spring season and will run it for some time to come.

The Central Oolitic Stone Company is patiently awaiting the arrival of its Anderson Diamond saw, which it purchased some time ago. It has been busy with a lot of small jobs and has furnished a considerable amount of sawed stock. George Hahn says they have enough work on hand to keep them busy but could take on a few more contracts.

The H. S. & R. Oolitic Stone Company expects to have a switch which it is having built at its quarry completed in about thirty days. It has been working one Wardwell channeller and expects to install another as soon as the switch is completed so that it can begin work in earnest. The indications are that it will have an excellent quality of both buff and blue stone. As to the quantity, core drillings indicate that it will have about five layers. The stone has been tested and found to be of a very high quality. The quarry is located just south of the Adams and Reed quarries and joins them on the south end. Mr. Hall says that he is hopeful of being able to have some stone to market within the next thirty days.

The Empire Stone Company is busy, as usual. Frank Matthews says that they are having a nice run

of business and have kept their mill going steadily throughout the entire season. They are not rushed but are what might be termed comfortably busy.

Matthews Bros. are running their mill and quarry about as usual. This is one of the oldest and best known companies in the district and they have a long line of old customers who look to them for stone, and Fred Matthews says that while they are not rushed they have enough work on hand to keep them busy throughout the season.

George Hunter, of Sullivan channeller fame, has just returned from a very successful trip to the western quarries. He visited the Carthage and Phoenix district and reported all of them in flourishing condition. George never lets the grass grow under his feet and, as usual, secured several orders. He considers it a crime for anyone in the Bedford-Bloomington district to buy any other make of channeller than the Sullivan.

It was quite a merry party which assembled at the Hotel Bowles on the occasion of the visit of F. S. Dickinson and his brother, E. E., of the Bedford Quarries Company; George Gilbert Brown and Adolph C. Schielinger, of George Brown & Co., New York City, and H. H. Leonard, the well-known quarryman of Harrisburg. John Hunter, of Hunter Bros.; George Sullivan Hunter and Frank Matthews, of the Empire Stone Company, were the entertainers. Messrs. Brown, Schielinger and the two Dickinsons left later in the evening in Mr. Dickinson's automobile for Bedford. The New Yorkers have recently been to Cleveland, where they visited the Ohio Quarries Company, and expect to go to Bowling Green, Ky., and will then visit Mammoth Cave, returning to New York about the middle of next week. This was Mr. Brown's first visit to the Bedford and Bloomington district and he expressed himself as being highly pleased with what he saw. The firm of George Brown & Co. are among the best known cut stone contractors in New York City. They have furnished the stone for many of the finest buildings erected in that city.

STINESVILLE, IND.

J. Hoadley & Sons have been running both their mills steadily fourteen hours a day. They haven't a great many orders ahead, but they are pushing things as hard as they can and getting the stone out as rapidly as possible. They have quite a number of jobs on hand which they are completing and are shipping a lot of rough, sawed and mill blocks into New York City. Mr. Hoadley says that the outlook is encouraging and he sees no reason for complaint. They have practically all they can do but might crowd in a few additional orders.

Charles E. Leppert, of the Romona Stone Company, says that they have been very busy and that they have practically completed the changes which they have been making in the plant and now everything is running smoothly. The entire mill was overhauled from beginning to end. Some of the gangs were widened and their locations changed. A part of the mill was rebuilt entirely and they are better able than ever to meet the demands for stone. The cut which they are making from their old quarry through to the other side of the valley is progressing nicely. They have been surprised at the high quality of stone which they have secured, as the cut was made primarily for the purpose of giving them access to an old quarry which has lain idle since 1889 and which was once famous for the high quality of monumental stock secured from it. Among the recent big jobs which the Romona Stone Company has undertaken to fill is a bridge job at Indianapolis which will take in all about 200 cars of stone. This, with other smaller jobs, is keeping this company going at full tilt.

LITTLE SPALLS.

H. H. Leonard, of the Giant Stone Company, whose quarries are located two and a half miles south of Harrisburg, was in Bloomington and said that they have been enjoying quite a nice run of business throughout the spring and look forward to a continuance of the same. Mr. Leonard says that the stone taken from his quarries is practically the same as all the others in the Oolitic district and while he tries to delude himself with the belief that he is only a small operator, he really cuts a great deal of stone.

Another big job for which Bedford stone is specified is the Court House at Duluth, Minn. The contract for this has not been let.

C. A. Burgess, representing the Ingersoll-Rand Company, was in Bedford enjoying the spring sunshine and incidentally having a friendly chat with his friends in the district. Readers of ROCK PRODUCTS will probably remember seeing his handsome face in our columns sometime ago. He hasn't changed any in appearance since then, but has increased in popularity every minute of the time, for he is a little older, sad to say. He is one of the best known machinery salesmen in the entire country and is known from Maine to California and from the Great Lakes to the Gulf.

The Bedford Foundry and Machine Company has been putting in a new boiler and engine, besides numerous other machines, so that it is now better equipped than ever. Mr. Edward H. Sohn says that his firm will soon be able to take on some new business.

M. I. Sowle, the superintendent of the New Albany Manufacturing Company, was up in the district and, as usual, went back with his pockets bulging with orders. You can always tell when Mr. Sowle makes a trip to the district, for it means that a lot of the mills and quarries will put in some of the New Albany Manufacturing Company's machinery.

Fred Andrews, the well-known cut-stone contractor of Milwaukee, has secured the contract for the erection of the Court House of Jackson county, Minnesota, which will be built of Bedford stone at Jackson.

Capt. D. McL. McKay, general manager of the Consolidated Stone Co., reports that operations at his famous quarries are progressing nicely, and that with the advent of a few bright days, the real rush will begin. The genial captain has just returned from the West with the contract for the Home for Feeble Minded, which will be constructed at Marshall, Mo. This will be an immense structure and will require some time to build.

The Silver Creek Lime and Marble Company has recently been organized with a capital of \$10,000 at Enterprise, Ore. The company will develop and sell products of lime and marble on their claims in Wal-lowa county.

Sprague Electric Company

MANUFACTURERS OF

FLEXIBLE STEEL ARMORED HOSE

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When a piece of hose is damaged in one or two places, don't throw it away; cut out the damaged part and unite the good pieces with our Splicing Clamp.

WRITE FOR COPY OF DESCRIPTIVE BULLETIN NO. 50541.

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THE JOPLIN HOTEL.

Work has been progressing rapidly on the New Joplin Hotel, Joplin, Mo., and they expect to have the building ready for occupancy early this fall. It was originally planned to have the building formally opened and dedicated on July 4th. A pretty sentiment was associated with that desire, for the old Joplin Hotel, upon whose site the new one is being erected, was opened to the public on Independence Day. A sort of chronological emphasis would have been given to the growth of Joplin by dedicating to public use the new hotel on the same anniversary that witnessed the dedication of its predecessor.

Thomas Connor, the builder, is reputed to be one of the wealthiest men in the district. A newsboy at the age of thirteen, he was in his forties already a millionaire, and is today a member of the state senate and the builder of a hotel that would be a welcome addition to any city in the country. But it is not with the remarkable rise of Thomas Connor that this article has to deal, but of the new Joplin Hotel, which will rival in magnificence many of the Eastern hostleries.

Barnett, Haynes & Barnett, of St. Louis, are the architects, and are superintending the construction of the building. They have made a specialty of hotels and have planned the construction of the Jefferson in St. Louis and other large hotels. Deiter & Wenzel, contractors, of Joplin, have the contract for the erection of the building. The new hotel is being constructed of Carthage white marble up to the second floor; the remaining eight floors will be built of granite brick and trimmed with Carthage marble. The exterior facades on Main and 4th streets are designed in the style of modern French, being embellished with beautiful bay windows, balconies, etc. On the first floor the main rotunda will occupy the center of the building. On the left of the entrance will be the magnificent French dining room, and adjoining this will be a beautiful Italian garden cafe.

The stone for the building is being furnished by the Spring River Stone Company, of Carthage, Mo., and they have already furnished about 25 cars. The Spring River Stone Company is one of the best known among the famous Carthage quarries. The stone is as fine as any taken from this district, and that which will enter into the construction of the hotel has been especially selected, and it is safe to say that this portion of the building will be as handsome as any constructed in the country. The walls, columns and pilasters of the rotunda will be wainscoted in marble, and the entire first floor of the hotel, with the exception of the kitchen and other minor apartments, will be floored with marble. The rotunda will be designed in modern French style, with handsome marble wainscoting and colonnades, which will blend in tone with the mural decorations, selected for the same. A grand stairway, a conspicuously beautiful feature of the interior, will be directly in the center of the rotunda, opposite the main entrance. Special decorative features in keeping with the interior finish of the building will be carried out in the dining rooms and other principal compartments.

Carthage Marble.

Every one in the district seems to have about all they can do this spring, in fact, the popularity of this stone is increasing to such an extent that the quarries and mills have been taxed to their utmost capacity for some time past and there seems to be no likelihood that any of them will suffer for want of business for some time to come.

Martin A. McNerny, manager of the Carthage Quarry Co., has been busy superintending the finishing touches on his new mill and he says he is now better equipped than ever to handle his business. Nat Wright has got things going smoothly at the Missouri Stone & Construction Company's quarry and is already figuring on adding another channeller. He recently put in a Sullivan Air Compressor and is contemplating further additions all along the line.

We are reproducing this month a monument erected out of the beautiful Carthage marble, one of the many that have been erected in this section of the country. It is a fact this marble has been shipped all over the West and South, and can be found in all of the principal cemeteries, carved into the most beautiful designs.

Carthage marble lends itself admirably for monumental purposes. While it is gray in color, it fractures and finishes a pure white. The polished surfaces show brownish gray and the contrast is delightful. Carthage stone can be secured in large enough blocks to build a monument of almost any dimension. All

of the Carthage marble quarries furnish stock for monuments, but only a few do finishing.

This monument, which we are showing, was designed and built by one of the best known firms in the district.

Favorable Introduction of a New Stone.

The Seattle Cut-stone Contracting Company, Seattle, Wash., are introducing a fine grade of limestone, which is known as Alaska marble. It makes a good showing for exterior work of all kinds of buildings, and right at the start a big demand is being developed for it.

It has a pure white ground that is almost transparent, with a large amount of dark mottlings, which can be matched in such a way as to make very attractive interiors. This limestone is quarried in Alaska, and the entire product is supplied to the Western Marble Company, of Tacoma, Wash.

There are two distinct grades, a white and a blue. The texture is said by men of experience to com-



SAMPLE OF MONUMENT CUT FROM CARTHAGE MARBLE.

pare favorably with Italian marble, which has been practically the only available stone of this character marketed on the North Pacific coast.

This Alaskan marble is now being extensively specified by the architects of Tacoma and Seattle for the largest and most expensive buildings that are now being constructed in that section of the country.

Improvements and Prosperity.

George L. Fuller, of Attica, N. Y., has purchased the old established stone plant of his father, C. J. Fuller. He has just completed the installation of a large number of important improvements, consisting of a circular diamond saw, a large traveling crane, and all of the gang saws have been changed from the old style pattern in such a way as to give a straight sliding motion to the blades. A new cutting shed has been built, together with a commodious drafting room and office. The yard is equipped with three derricks. The cutting shed is 90x40 feet on the ground. The gang saws, drills, lathes and planers are run by electric power from three electric motors.

The concern has three good jobs on hand at this time, one in Gouverneur marble, another in Indiana limestone and one in Dorset marble, besides a Polish church at Herkimer to be constructed of Medina, Oxford and Indiana limestones.

New Firms to Cut Stone.

Kokomo Stone Company, Kokomo, Ind.; capital, \$20,000; directors, Leonard B. Hodgkin, Charles Hodgkin and J. Edward Kelley.

Dearborn Cut Stone Company, Chicago, Ill.; capital, \$50,000; dealing in stone and doing cement construction work. A. Fred Colgren, Charles A. Colgren, A. William Colgren.

Olson & Nelson Cut Stone Company, Chicago, Ill.; capital, \$5,000; to quarry stone and deal in building materials; incorporators, Nels Nelson, Sidney Adler, Leo Schoenbrun.

Pendleton Monument Contracted For.

NOBLESVILLE, IND., May 1.—Searce & Woodward, of this city, have been awarded the contract to erect a handsome monument to the memory of the late Thomas M. Pendleton, founder of the town of Pendleton, the monument to be constructed of the best Barre granite, resting on a six-foot base. The money to pay for the monument has been raised by popular subscription among the residents of Pendleton. The body of Mr. Pendleton was buried on a farm a mile south of Pendleton nearly fifty years ago, but last Fourth of July there was reinterment in a beautiful lot especially reserved in the new cemetery near Pendleton, on which the monument will be placed.

New Buildings of Earlham College.

RICHMOND, IND., May 1.—Work on the Carnegie Library at Earlham College and on the Edwin S. Bundy dormitory is now well under way. Bad weather during the last month handicapped construction, but the contractors for both structures hope to have them completed before the end of summer. The Carnegie Library building will differ in architectural design from other library buildings in Indiana which have been erected through the beneficence of Andrew Carnegie. In keeping with other college buildings on the Earlham campus its style will be extremely simple. The material used is brick with stone trimmings. The interior finishings and furnishings are to be modern. The capacity of the library will be 60,000 volumes.

The dormitory, which is to take the place of the historic structure now in use, Earlham Hall, is to be a model in design and arrangement. It is to be built in the form of an "H," two structures each 155 feet in length and running parallel to each other to be connected at their central point.

Alexander King & Co., Galesburg, have recently secured the contract for the Carthage (Ill.) courthouse. It is for a large amount of cut stone and has been on the tapis for about two years. Bedford stone will be used, and Messrs. King & Co. have started the work.

Will Build Handsome Church.

SCHENECTADY, N. Y., April 29.—The First Unitarian Church, of Schenectady, is to have a new place of worship. Specifications for a \$25,000 edifice are in the hands of Merrick & Randell, of Syracuse, N. Y. Work will be started as soon as possible.

Hospital to be Built.

GREENCASTLE, IND., April 28.—The Putnam County Hospital Association has been organized in this city with the intention of building a hospital. The president is Mrs. David Maze.

George Brown & Co. Secure Good Contract.

Among the contracts of importance recently awarded is one awarded to George Brown & Co., of 1123 Broadway, New York. They will furnish the cut stone for the new building to be erected at Thirty-fifth street and Fifth avenue by the Acker, Merrill & Condit Company for their own use. The structure will be eleven stories in height with an ornamental cornice and balustrade on top and altogether will require about 40,000 cubic feet of limestone. They are working on many other contracts and altogether are enjoying a very good business.

Rapid progress is being made on the erection of the large Singer building, which is being constructed under the direction of Architect Ernest Flagg, of 37 Wall street, New York, no general construction company having charge of the work. Steel is being placed rapidly and it will not be long before stone setting will begin.

Monuments.

Memorial Day.

More and more the 30th of May is becoming a day set apart by the men and women of this country in memory of the dead. Originally a day on which honor was paid only to the brave men who fell fighting in the ranks of the Grand Army of the Republic, it later became, when time had wiped away the difference and some of the sentiment which the day commemorated, a memorial of the gallant men who wore the gray as well as of those who wore the blue.

It was doubtless some loving woman who conceived the idea of covering the grave of her civilian husband with a pall of flowers on Memorial Day. She knew he was a hero, although he had not fallen in battle. To her the man beneath deserved public honor, notwithstanding he had died in her arms instead of on the shell-torn ramparts of a fort. Her sorrowing heart told her that had he lived in those trying times his country's call would have found him at the front, where many of his ancestors fell. And when to the music of fife and drum the scarred battle flags were borne to the final resting place of departed heroes she knelt by the solitary grave and her tears watered the already dying flowers.

Whether or not this was the beginning of the decoration of graves by individuals on Memorial Day, the custom has spread until it has become the practice of all the living on this one day to make public demonstration in memory of the loved ones who have passed beyond. It is universal, for we all know—

"There is no flock, however watched and tended,
But one dead lamb is there!
There is no fireside howsoever defended
But has one vacant chair."

Memorial Day has come to mean to us in the United States what All Souls' day means to France, *le jour des morts*, and those who have lost loved ones strive to have their graves at least covered with green and a suitable tablet erected by the last of May.

The generation that has died since the war cannot have its graves decorated with flowers and flags reverently placed while song and story tell of brave deeds done, but the sons and daughters still alive commemorate the worth of those who are gone on tablets of imperishable granite and exquisite marble, and on the 30th of May bank their bases with flowers. That is why this month is the busiest of the year among the monument manufacturers, and each season the demand grows more insistent that all work ordered shall be set before Memorial Day.

The Flagler Mausoleum.

The accompanying illustration shows a very fine mausoleum erected for Henry M. Flagler, the Florida capitalist, in juxtaposition to his church at St. Augustine, Fla. The design was executed by Carrere & Hastings, architects of New York; the limestone in the structure was furnished by the Perry, Mathews & Buskirk Company, and Barr, Thaw & Fraser, of Hoboken, N. J., were the cut stone contractors. The marble used in the construction of the mausoleum was cut and furnished by Batterson & Isle, whose office is in the Times Building, New York.

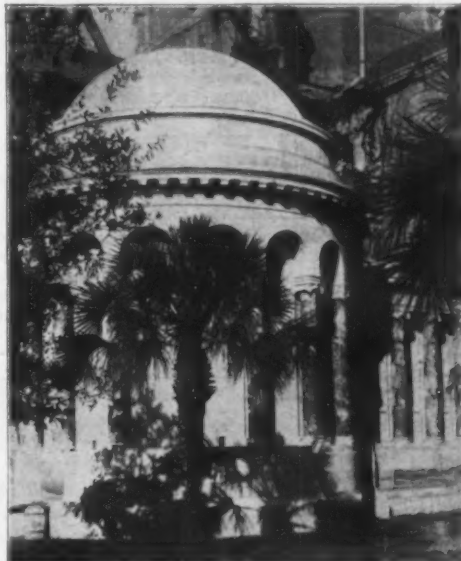
The Saladi Granite Company of Denver, Colo., have decided to move their plant and machinery from Denver to the quarries at Saladi, where they will gain the cost of transportation represented by the difference of shipping dressed stone as compared with that of shipping rough stock, besides their workmen will be able to live more economically in a smaller town. They have set up a cutting shed 50x150 feet, which will be equipped with modern machinery, driven and lighted by electricity.

PHILADELPHIA MONUMENT INTERESTS.

The monumental industries have been affected more or less by the backward season, but they pronounce favorably, however, upon the outlook for summer business.

Wm. Crothers, successor to Samuel Crothers' Monumental Works, has an old established business at Mount Moriah lane and Kingsessing avenue. He complains, with others, that business has been somewhat retarded by the late spring. Mr. Crothers has a fair-sized plant, and handles mainly Quincy and Westerly granite; he uses Thos. H. Dallett Company's pneumatic surfacers, and his running power is composed of a boiler and a Nagle vertical engine, sold by Howard W. Read, 301 Arch street, this city, and a Blaisdell air compressor, from the Blaisdell Machine Works, Bradford, Pa.

Thos. R. Bye, successor to Bye Bros., art monumental works, Sixty-third and Kingsessing avenues, enjoys a well deserved reputation. The business was established in 1882, and some fine works of art in the monumental line have been executed here. Mr. Bye has just completed a mausoleum for Thos. H. Hoyt for \$20,000, which is undeniably an exquisite piece of workmanship. It is the only one in Philadelphia with the caps of the columns carved in full Corinthian style. The stone used is the Connecticut white granite. Mr. Bye uses the pneumatic surfacers and hammers of the Thomas H. Dallett Company, Philadelphia, and power is derived through an Otto gas engine.



FLAGLER MAUSOLEUM, ST. AUGUSTINE, FLA.

Bickel & Stewart, 3112-18 West Lehigh avenue, fourteen years in business, report trade flourishing. They have sent out some good work, of which a handsome monument for Samuel Kehr, a well-known undertaker, constructed of the famous Connecticut white granite of Booth Bros. of New York, is a specimen. The pneumatic surfacers used by this firm are from the Chicago Pneumatic Tube Company and from George Oldham & Son of Philadelphia. They have an Otto gas engine and a novel traveling crane made under their own direction and worked by hand. They use considerable stone from Barre, Vt.

John M. Culley, corner Lehigh and Ridge avenues, has just completed a handsome shaft monument by order of the naval veterans of the Grand Army of the Republic to the memory of the late Capt. John W. Collins, of civil war fame, which has been accepted and erected in the National cemetery in Washington, D. C. The cost of this work is about \$1,200. It is constructed of Quincy granite. Mr. Culley has an Otto gas engine, a Jenny Lind polisher, and an air compressor from the Hall Steam Pump Company of Pittsburgh, Pa., and uses the pneumatic surfacers and hammers from the Thomas H. Dallett Company of Philadelphia. The principal stone used by Culley comes from Westerly, R. I., but that from Barre, Vt., and Quincy and Chester, Mass., is also used.

A new marble yard has just been opened up at La Grange, Ga. Mr. E. Rogers has charge of the works, and will handle Georgian and Italian marbles. The new company is a branch of the Rogers Marble Company at Ball Grand.

Fine Volume of Monument Trade.

May is the busiest month of the year with the monument trade, and looking over the records that come from every part of this land, there is reason to believe that the monument dealer is getting all out of these prosperous times that is coming to him.

Never has there been such a large and satisfactory volume of work, together with confidence begotten of general satisfactory business conditions. Decoration day, coming at the end of the present month, is the great annual event in monumental circles. At the great manufacturing centers numberless jobs are being rushed to completion, and there is said to be a larger supply of cutters sticking to the banker than has been the case for several years. The late spring may have had something to do with this condition, because it has been impossible to make a start with the big building operations which invariably draw the granite cutters away from monumental employment during the building season.

A partial relief of the car situation has come at the psychological moment, and every granite and marble center is now busy with the shipments of the monument orders that will make the Decoration day feature complete in every city and hamlet of the country.

The class of monument orders placed during the last few seasons shows constant improvement and runs into bigger money all the time. Of the vast volume of business on hand and just completed it is to be noted that the average price is nearly double what it was two years ago. It is because people can afford to pay the price for a better job.

Were Successful in Competition.

In a competition in which eight other contestants took part the Harrison Granite Company, 44 East Twenty-third street, New York, were awarded the contract for furnishing the Furman monument to be erected in a Nashville (Tenn.) cemetery, and have also been commissioned to make the portrait statue of Furman which is to adorn the interior of the Vanderbilt University at Nashville. The entire contract will involve the expenditure of about \$25,000. The successful design submitted by the Harrison Company was executed by W. L. Cottrell, the firm's architect. The motif is a caryatid porch of an ancient Grecian temple at Athens. The base of the monument will be 21.1'x12.2', and upon this stands the eight female figures with bowed heads supporting the roof of the porch which will be 17.7' above the ground. The entire arrangement presents a most graceful and dignified appearance. The sculpture work upon the monument, as well as the portrait statue, will be executed by John Gelert.

The Harrison Granite Company have the contract for the McKinley memorial at Canton, Ohio, and they report good progress on this work, expecting to have it finished in the near future.

Chas. Lohr has left the Milwaukee Monument Company and engaged in the retail monument business at 8th and Mitchell streets, Milwaukee, Wis. The name of the new firm is Chas. Lohr and Boyle Company. Mr. Lohr is one of the best known sculptors in this section of the country and the designs of many important monuments and statues are to his credit.

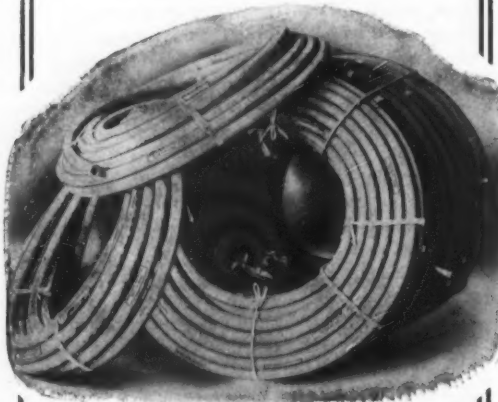
P. W. Harns, one of the oldest monumental dealers in the state of Wisconsin, died at his home in West Bend on April 14 of pneumonia.

C. P. Hale has bought the interests of L. M. Lords in the Glenwood Granite Works, Glenwood, Iowa. Mr. Hale becomes president, while Mr. W. R. Bruce will continue as secretary and general manager. Mr. Hale was formerly cashier of the Glenwood State Bank, and is a solid business man. This concern of monument dealers have always enjoyed a good profitable volume of business.

James Snyder, Bellefontaine, O., has contracted with one of his customers for a fine blue pearl granite monument to be erected at Plain City, Ohio. It is a very fine monument and one of the first of this kind of southern granite to be set up in this vicinity. The same dealer reports that he also has a number of nice orders, one of which is a dark Quincy granite monument to be erected before Decoration day at North Lewisburg cemetery.

The Harrison Marble Wheel

will positively polish direct from saws—finish marble ready for final glossing, and will polish over eighty feet per hour. Think of it! Then write for full particulars. Wheels for either Power or Pneumatic Polishing Machines.



THE FINEST PNEUMATIC TOOL HOSE MANUFACTURED.
EVERY FOOT GUARANTEED TO GIVE SATISFACTION.

Have you our new eighty page catalogue illustrating and describing throughout how to use supplies for sawing and polishing?

Harrison Supply Company

NATHAN C. HARRISON, General Agent

5-7 Dorchester Avenue Extension, Boston, Mass.

Prison Ship Martyrs' Monument.

A monument second in importance only to the McKinley memorial, of those recently designed, is illustrated upon this page as it will appear when completed. This is the shaft to be erected in honor of the martyrs who died in prison ships during the revolutionary war. The memorial is the last masterpiece of Stanford White.

The monument will be erected on the highest point in Fort Greene Park, Brooklyn, and will consist of a straight shaft of white Newport granite 200 feet in height and capped by a large Grecian sacrificial urn executed in bronze. An elevator will carry visitors to the top. The grandeur of the monument will be enhanced by magnificent granite approaches, one of which extending to Myrtle avenue will be over 300 feet in length.

The general contract for the monument was awarded to the Carlin Construction Company on a bid of \$175,000. Last week the contract for the Newport white granite in the rough was placed with the Newport Granite Company, 1133 Broadway. The work will require about 35,000 cubic feet of stone. This will be shipped from their large quarries in Newport, Vt., to the cutting plant of John Hynes in Brooklyn, who will shape the stone.

Mr. Flint of the Newport Granite Company is highly pleased over the selection of his granite for the monument, and he should be, since the memorial is to be one of the most artistic and handsome monuments ever erected in this country.

The Denver Marble and Granite Company, Denver, Colo., has completed a monument to the late ex-Governor Davis H. Waite. The monument is the gift of the Western Federation of Miners and will be unveiled by that organization at the cemetery in Aspen on Decoration day.

Fred C. Smalley, granite and marble dealer of Portsmouth, N. H., successor to Thomas G. Lester, 2 Water street, has recently erected a handsome granite monument on the lot of John S. Rand in the city cemetery.

To Modernize Miss Liberty.

It has now been twenty years since Miss Liberty of New York Bay, who lights the world, was placed upon her high pedestal, and all of this time she has been sadly neglected, even incomplete, yet she has braved storm and tide, uncomplaining. At last, however, plans have been approved by Quartermaster-General Humphrey in Washington which call for about \$62,000 to be spent for the work of repairing and completing the statue. The contract will be awarded early in June. It is the intention to make the plans conform to the original designs of Bartholdi, the sculptor, which will involve the lighting of the great bronze torch, which the figure holds aloft, with eight powerful arc lights. This will be the first time that Miss Liberty has literally enlightened the world. Besides the lights, the statue will be equipped with an electric elevator.

G. S. Withers & Son, Reamstown, Pa., proprietors of the Reamstown marble and granite works, announce that they have a splendid business this spring. Their shops are filled with orders for headstones to be placed in cemeteries in various localities throughout the county, and they are receiving more orders every day.

The Johnson Marble Works, of Quitman, Ga., has just closed a contract for a carload of finished granite work to be erected at the grave of G. W. Spivey, of Moultrie, Ga., a prominent citizen, who recently died at a hospital in Atlanta, Ga. The entire job, to be made of Georgia granite, was quarried by the Long, Green Green Granite Co., quarries at Elberton, Ga.

Charles F. Hill, proprietor of the steam granite works at Fleetwood, Pa., and Howard Brown, an employee, spent last week in New England quarries.

The Ashland Monument Company has established a branch plant at Lodi in Medina County, Ohio. Mr. W. W. Wells will have charge of the Lodi plant. The Ashland Monument Company have two carloads of monuments for Lodi and vicinity ready for the spring shipments.

Harry L. Minter, monument dealer at No. 71 North Hanover street, has purchased a site at the corner of Fourth and Hanover streets, from F. H. Kelsner, and will remove his business to that place.

A movement is well under way in Michigan to raise \$100,000 for the purpose of erecting in McMillan Park, Washington, D. C., a monument to the late Senator James McMillan. Peter White of Detroit is treasurer of the Memorial Association.

The Baltimore City Council has appropriated \$10,000 for the erection of a monument to John M. Hood. An amendment to the appropriation ordinance asks that the state legislature approve the action. As approval is confidently expected, subscriptions from individuals and associations are being added to the fund.

The city of Monroe, Mich., purposes the erection of a memorial to Gen. George A. Custer. The legislature will be asked to aid in raising the \$25,000 for the purpose.

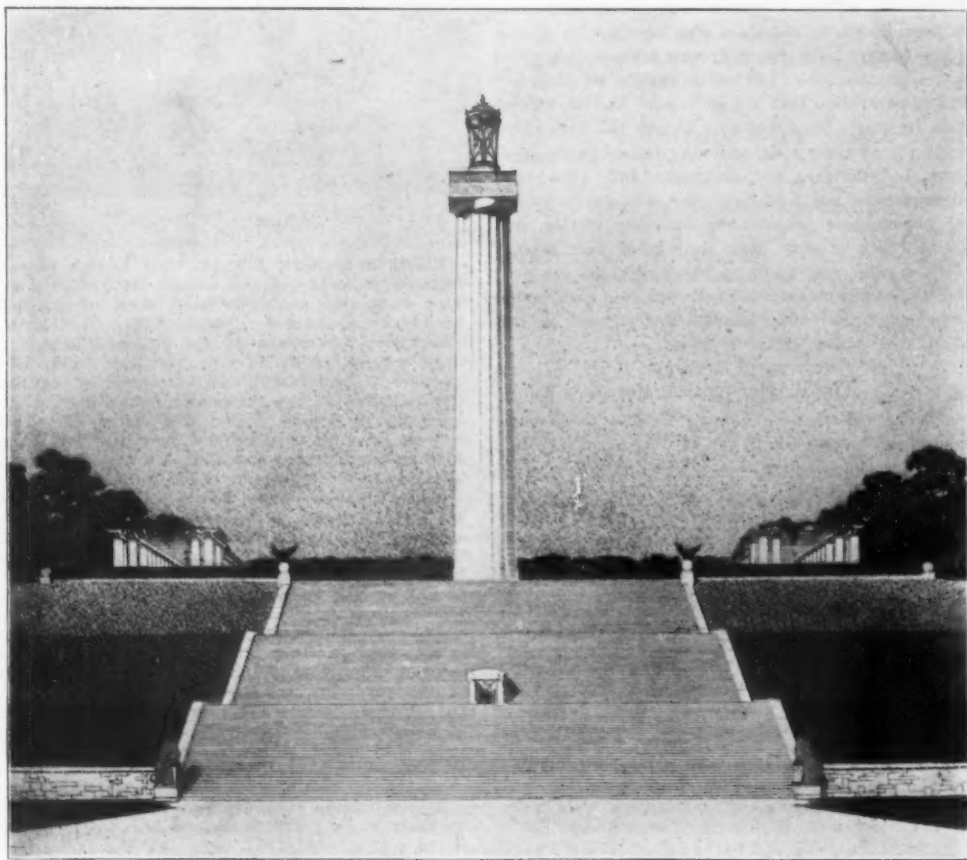
The North Carolina legislature has authorized the erection of a statue of Zebulon Baird Vance to be placed in the pantheon of the national capitol.

Denver is to have a magnificent fountain on the triangle at the junction of Broadway and Colfax. Frederick Macmonnies has submitted a design to the city council.

Funds are being raised for the purpose of erecting a monument to the soldiers of the last two wars in the Court House park at Vinton, Ia. Among the promoters are Judge E. F. Brown and Mr. C. H. Plattenburg, of Vinton.

The Union Monument Commission of Baltimore are receiving designs for the erection of a monument to the Maryland soldiers, sailors and marines of the Civil War.

Fifteen thousand dollars has been raised for the erection of a monument to the memory of John Witherspoon. The trustees of the fund, Mr. Andrew Carnegie, Gen. Foster and others, are in conference with several artists, but as yet none have been selected. Five thousand dollars more will be raised. The monument will be placed on the triangle at the junction of Connecticut avenue, Eighteenth and N streets, Washington, D. C.



MONUMENT TO PRISON SHIP MARTYRS TO BE ERRECTED IN BROOKLYN.

Touching Tributes from Time-worn Tombs

Catnipped

The balmy breath of spring was here,
The robin was a-twitter;
When little Gussie stroked the cat,
And that was why he bit her.

The poison filtered through her blood,
And started complications;
Three days had scarcely passed away
Ere there were indications.

"Oh, mamma, kiss me ere I go!"
Cried little Gussie Thatcher;
And then she went and 'twill be hard
To find a child to match her.

Love's Sacrifice

It rained and blew and hailed
a bit
When Hiram Copsford Slaught-
er
Set out one Sunday evening for
To spark Joe Billings' daugh-
ter.

He got him wet from head to
heel,
And then he got the shivers;
And then he felt such horrid
pains
That he kicked off the kivers.

Two doctors dosed him for a
week—
Alas! they couldn't save him;
He died one night at ten
o'clock,
Just after squills they gave
him.

"I go—I go to other lands!"
Said Hiram Copsford Slaught-
er;
"And there I'll wait for
Helen, dear,
Who is Joe Billings' daugh-
ter."

Somebody's Revenge

Here lies the body of Jonathan
Drew,
Who cheated all he ever knew.
His Maker he'd have cheated,
too,
But that his God he never
knew.

Martyr to the Cause

Here sleeps in peace a Hamp-
shire grenadier,
Who caught his death by
drinking cold small beer.
Soldiers, be wise from his un-
timely fall,
And when ye're hot drink
Strong, or none at all.
An honest soldier never is for-
got,
Whether he died by Musket or
by Pot.

The Pity of It

The quinsy came and laid its hand
Upon poor Nancy Lee;
Her jaws were locked—she couldn't eat—
She was a sight to see.

The doctor came and shook his head,
And said 'twas heaven's will;
And as he sadly left the house
He charged it in his bill.

The angels beckoned Nancy Lee,
And said 'twas their desire;
That she should fly on golden wings,
And so she did expire.

A Brief Respite

John Hall, 1762-1813.
May he rest in peace till we meet again.
HIS LOVING WIFE.

A Cynic's Rebuke for the Curious

I was somebody:
Who, is no business of yours.

Parted

Bridget and I have two children dear,
One in Ireland and the other here.

Took It with Him

Here lies my corpse who was the man
That loved a sop in dripping pan;
But now believe me I am dead—
See here the pan stands at my head.

Still for sop to the last I cried,
But could not eat; and so I died.
My neighbors they perhaps may laugh
Now they do read my epitaph.

At Sterling, Ill.

To the memory of Lewis D. Wynn, inventor of the
Black Silk Stove Polish.

A la Tennyson

'Twas a mild March night
and the wild winds blew,
And blew, and blew;
When sister Helen went out to
the well,
And her heels went up and in
she fell,
And she screamed a few.

We all rushed out into the
wild, wild night—
The wild, wild night;
"Oh, lower the bucket!" poor
Helen she said,
And down it was lowered to
hit her poor head
As we screamed in affright.

Her skull it was fractured
by bucket and chain—
By bucket and chain;
She died in an hour and went
to the land
Where nature is joyous and
smiling and bland,
And there's never a pain.

Oh, maidens beware how you
go to the well—
The old onken well;
The water is cold—the water is
wet,
And she who falls in her dol-
lars can bet
Will ring her own knell.

Comforting

Weep not for me, my children
dear,
I am not dead but sleeping
here.
The debt is paid, the grave you
see,
Prepare for death—follow me.

He "Told Her So"

Emma, daughter of Abraham
and Matilda Cox, and wife of
Theodore Shallen, died July 9,
1847, aged 26 years, leaving
five children; married too
young against her father's will.
Single women, take warning.



KILLING TWO BIRDS WITH ONE STONE

An Old Timer

Our Mary Ann has gone to rest,
She's sleeping now on Abram's breast;
While this is fine for Mary Ann—
'Tis awful tough on Abraham!

Requiescat in Pacem

Beneath this stone
My wife doth lie;
She's now at peace,
And so am I.

A Puritan Favorite

He friend or stranger passing by!
As you are now so once was I;
As I am now so you will be;
Prepare for Heaven and follow me!

Scribbled by a Wag

Beneath this stone lies Robert Greer,
His mouth is stretched from ear to ear;
Tread lightly, stranger, o'er the sod,
For if he gaps—you're gone, by —d!

Side Talk.

The Georgia Marble Finishing Works

The Georgia Marble Finishing Works at Canton, Ga., are making extensive improvements and are adding considerable new equipment to their already immense plant. They have recently installed a traveling crane, with a capacity of thirty tons, which is fifty feet in width and operates on a runway 300 feet in length. It is what is known as a three-motor machine and was installed by the Northern Engineering Works of Detroit, Mich. They also recently installed a new turning lathe which will turn a column twenty-two feet in length and four feet in diameter. Other new equipment, consisting of two polishing machines, known as the Cyclone Air Polishers, and manufactured by Foster & Hoeler of Chicago, have also been installed. They have recently added 200 feet to their shipping dock and built some new side-tracks.

By the present arrangement they can load ten cars of marble at one time. It is quite a convenience when prompt shipments are so much desired. The shipping department is directly connected with the mill and as soon as the finished jobs come out of the plant they are boxed and crated and placed on the cars.

The Georgia Marble Finishing Works make a specialty of the monumental business. They have customers all over the country and ship to places as far east as New York and as far west as San Francisco. No firm in Georgia is better equipped to handle the monumental business than this company.

E. A. McCannless, the secretary and general manager, is one of the best posted men in the business and is constantly making improvements in the plant.

The Georgia Marble Finishing Works have recently furnished the stock for two confederate monuments about thirty feet in height, for the Columbus Marble Works at Columbus, Miss. They have also on their floor a confederate monument for D. N. Stinson, the well-known monument dealer of West Point, Miss. The dimensions of this monument are as follows:

Spire, 16'6"x2'4"x2'4"; cap, 3'4"x3'4"x2"; plinth, 2'10"x2'10"x3"; cap, 3'10"x3'10"x2"; die, 4'6"x3'x3"; two bases, 3'x2'2"x3". A life-sized statue of a confederate soldier will rest on the top of this spire.

Pennsylvania Granite

The Granite Company, a new corporation, has acquired a tract of 166 acres of land between Siesholtzville and Alburtis, near Berks-Lehigh county line, Pennsylvania, upon which are extensive granite deposits, and which will be developed within the next year. The deposits were found, by careful testing, to contain a practically inexhaustible supply of granite of a high quality, and very much in appearance like the famous Westerly granite. This large deposit of granite is the only one in the state of Pennsylvania. Some stone has been taken from this quarry in times past, in fact, the large St. Paul's Lutheran Church at Allentown is constructed entirely of this granite, and the private residences of James Fuller and the superintendent of the Thomas Iron Company, both of Catasauqua, are built of it and have stood for the past sixteen years. Some of the stone is red and green tinted and admits of a very high polish. W. F. Walker is president of the company and H. J. Rhinehard of Allentown is sales manager. The office of the company is at Reading, Pa.

W. C. Wells, who is representing the Georgia Marble Company and the Blue Ridge Marble Company in the states north and west of the Ohio river, recently paid a visit to the quarries and the mills at Tate and Nelson, and expressed himself as being highly pleased with the extensive operations and general excellence of the stock which they are producing.

Leonard Harrison and associates of Wellsboro, Pa., purchased a large tract of marble land south of Ellijay, Ga. Tests have been made and the marble has been found of a very high quality, similar to that found in adjoining territory. The company will be formed at an early date and quarrying operations will begin.

Increasing Facilities

Writing under recent date the Kennesaw Marble Company, Marietta, Ga., say that they are glad to state that never before in the history of the company have they had such good trade as they are having at the present time. The trade in general seems to appreciate the efforts they are making in giving value received and are sending in orders by every mail. They want it distinctly understood that they are not giving more of their attention to building work than they are to monumental lines. As a matter of fact they have been increasing their facilities in both departments and are better able than ever to take care of both monumental and building work.

They have one of the best equipped mills in the South for the execution of high grade monument work, and their reputation for prompt shipment is second to none. They have an old and established trade and ship to every part of the United States.

They have recently secured the contract to furnish the interior marble work for the Hotel Patten at Chattanooga, Tenn., now in the course of construction. They are also executing some very handsome carved work for one of their customers in Italian marble. When this is completed photographs will be made of the same and reproduced in this paper.

The Bay State Granite Company of Boston, Mass., has been formed, with a capitalization of \$75,000, by H. M. Prudhomme, E. L. Buffington and Cornelius F. Keating.

CLASSIFIED ADVERTISEMENTS

Advertisements will be inserted in this section at the following rates:

For one insertion 25 cents a line
For two insertions 50 cents a line
For three insertions 60 cents a line

Eight words of ordinary length make one line.
Heading counts as two lines.

No display except the headings can be admitted.

Remittances should accompany the order. No extra charges for copies of paper containing the advertisement.

EMPLOYEES WANTED

FOREMAN WANTED.

Foreman for sandstone quarry. Must be sober and capable of handling men. Good salary to right man. Give references. Also several quarrymen.
RAWLINS STONE COMPANY, Rawlins, Wyo.

MANAGER WANTED.

Experienced and capable man to take the management of a stone quarrying, sawing and crushing plant. An exceptionally fine grade of white limestone for building purposes. Straight salary or salary and percentage of profits to right man. Address
"C. 5," care ROCK PRODUCTS.

QUARRYMEN WANTED.

Fifty quarrymen, wages \$1.54 per day with board and lodging. Excellent locality.
JAMESON LIME COMPANY, Tehachapl, Cal.

SALESMEN WANTED.

Three experienced wholesale granite salesmen to travel Pennsylvania, Indiana, Illinois, Michigan, etc. None but first-class experienced men need apply. Address, stating experience and salary expected, with references, to
ALEX FRASER & CO., Mansfield, Ohio.

EMPLOYMENT WANTED

WANTED.

Crushed stone quarry superintendent wishes engagement: 33 years of age; stonemason and builder of trade. Thorough knowledge of quarrying and rock crushing machinery. Able to keep books and throw monthly returns three years under municipal engineer. References should they be required. Address
"D. 1," care ROCK PRODUCTS.

WANTED.

Superintendent, or cut stone foreman, an experienced, practical stone man, who is thoroughly acquainted with the handling of machinery and men, desires a lucrative position in quarry or yard; 38 years of age and of good executive ability. References furnished. Address
"G. 3," care ROCK PRODUCTS.

BUSINESS OPPORTUNITIES

FOR LEASE OR SALE.

Limestone quarry in southwestern Missouri, immediately alongside the K. C. C. & S. railway, one-half mile from Phenix and Walnut Grove, Mo., thoroughly and practically opened. Inexhaustible quantity and quality unexcelled. Absolutely no stripping or getting ready, but ready for channelling and loading in cars. One 400 bushel daily capacity lime kiln in operation and product sold. Rigid investigation solicited. Address
B. F. THREWEIT, Owner, Denver, Col.

MANAGER WANTED.

A practical man with some capital to purchase an interest and manage a cut stone business in a large city. This is a modern plant in every particular and has a large and well established business. Address
"B. 3," care ROCK PRODUCTS.

FOR SALE.

A good paying marble and granite business, with small stock of monuments, rough pieces, tools, etc. I have been running it for the last 13 years and wish to retire from the stone business. Located at Bakersfield, Kern county, Cal. The only shop in the whole country. City's population, 10,000; county's population over 16,000, not counting the new colonies being formed now. For further particulars, apply to
B. K. STONE,
1673 Chester Ave., Bakersfield, Kern County, Cal.

FOR SALE OR LEASE.

White sandstone quarry (40 acres), Fort Collins, Colo., district, 75 miles from Denver. Equipped and operative. Immediately alongside C. & S. railway. As good stone and as much of it may be quarried here with as little expense as any point in Colorado. Address
B. F. THREWEIT, Owner, Denver, Col.

FOR SALE.

A profitable, well located retail monument business in a thriving western city. A good name, good list of customers and a great opportunity for the right man. Address
"G. 2," care ROCK PRODUCTS.

FOR SALE.

Nine hundred and sixty acres of land in Iron county, Missouri, near railroad. Grand ledges of red and gray granite of excellent quality; price, \$15,000. Easy terms. Address
G. W. JARMIN, Decatur, Ill.

MACHINERY WANTED

WANTED.

To purchase a second-hand turning lathe, one that can turn a column 18 to 20 feet long and 3 feet in diameter. Address
"G. 1," care ROCK PRODUCTS.

MACHINERY FOR SALE

FOR SALE.

Sullivan "Z" channelling machine, in good running order, complete with 10 gangs, of tools up to 10 ft.; 30 ft. of section track wrenches, etc., without boiler. Located at and apply to
HOLMESBURG GRANITE CO., Philadelphia, Pa.

FOR SALE.

Number 8 new pulsometer pump and fittings, equal new. Many other pumps, boilers and engines. Everything.
MASLINS, 145 First St., Jersey City, N. J.

FOR SALE.

Quarry equipment, eight cars, tippie, rail, switches, used sixty days. Turn table, 20 lb. rail, new.
ROCK CUT STONE COMPANY, Syracuse, N. Y.

MISCELLANEOUS

Heavy truck wagon with brake, had little use, capacity 12 tons. Also air compressor for pneumatic tools.
J. G. BARGER, Atwater, N. Y.

We Do Round Work



Our specialty is all kinds of monumental round work. We are in position to give our customers first class work and prompt shipments.

We turn columns, vases, pilasters, urns, etc. and take care of all square work that goes with it.

J. J. Sullivan,

EAST BARRE, VT.

WAUSAU RED GRANITE

Famous for its color and brilliancy. We have the finest stock in this district; either in the rough or finished.

ANDERSON BROS. & JOHNSON
GRANITE HEIGHTS P. O., WIS.

Pressed Steel Turn Tables



Broomell-Schmidt & Steacy
Company

YORK, PENNSYLVANIA

C. & C. APPARATUS

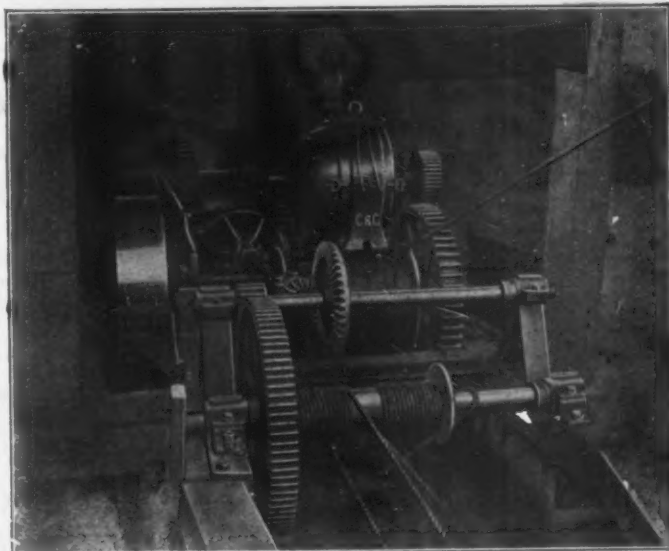
Is designed to meet all kinds of

HEAVY DUTY

—it is specially built

For Quarry Work

Our Installations at the Ohio & Bedford Quarries Co., show our wide experience in this line.



Type S Motor Driving Hoist, Bedford Quarries Co.

THE C. & C. ELECTRIC COMPANY,

WORKS AND GENERAL OFFICE, GARWOOD, N. J.
NEW YORK OFFICE, - - 149 BROADWAY.

BRANCH OFFICES:

Philadelphia, Chicago, Boston, London.

St. Louis Agents, The Pan-Electric S. & A. Co.,
Cleveland Agent, David Gaeher, 135 Schofield Building,
H. E. Cole & Co., 1323 Park Building, Pittsburg, Pa.
Geo. W. Thornburgh, 1310 Sixteenth Street, Denver, Col.
Walter Clarke Dean, Bank of Commerce Bldg., Norfolk, Va.
The Standard Electric Construction Co., Granite Bldg., Rochester.
Henry Widmer, Hibernia Bank Building, New Orleans.

Tell 'em you saw it in ROCK PRODUCTS.

WINNSBORO BLUE

"The Silk of the Trade."

RION, SOUTH CAROLINA

CONSOLIDATED GRANITE CO., Proprietors.

NORTH CAROLINA BLUE PEARL GRANITE

VERY DARK BLUE—Compact—Uniform Color and Texture. Shows no scale. Positively will not corrode.

LETTERING AND HAMMERED WORK shows GRAY, making a contrast unequalled.

FULL MODERN EQUIPMENT for Squaring, Polishing and Finishing. SPECIAL FREIGHT RATES in effect to all sections of the United States.

WRITE FOR CATALOGUE AND SAMPLE. Estimates promptly furnished on special designs.

Consolidated Granite Co., Winston-Salem, N. C.

(SUCCESSORS TO C. A. M'GALLIARD & SON)

Kentucky Oolitic Limestone

The Stone That Bleaches White

MILL BLOCKS
Sawed and Cut Stone

Send Specifications for Estimates to the Quarry.

Bowling Green White Stone Co.

Main Office: Columbia Building, LOUISVILLE, KY.

Quarries and Cutting Shed: MEMPHIS JUNCTION, KY.

Tell 'em you saw it in ROCK PRODUCTS.

The Kennesaw Marble Company,

WHOLESALE DEALERS

Georgia and Italian Marbles

MARIETTA, GEORGIA



The Blue Ridge Marble Co.,

NELSON, GEORGIA

—Headquarters For—

Georgia Marble

For Building, Decorative and
Monumental Purposes.

Estimates on Application. ✎ Design Book \$1.00 per Copy

GEORGIA MARBLE
(WHOLESALE)

BRADBURY MARBLE Co.

1229 S. 2ND ST.
ST. LOUIS, Mo.

Established 1869.

(Paid-up Capital \$150,000.00)

Incorporated 1890.

Schneider Granite Company,

Producers of

Missouri Red Granite for Monumental Work,
Building Work, Paving, Flagging, Curbing, Polishing and CRUSHED GRANITE.

Quarries: Graniteville, Iron County, Mo.

General Office: Fullerton Building, St. Louis, Mo.

Address all communications to General Office.

CUSTOM HOUSES: St. Louis, Mo., Cincinnati, Ohio,
Memphis, Tenn.

STATE HOUSE, Springfield, Ill.

TRACTION BUILDING, Cincinnati, Ohio.

New Washington University Buildings, St. Louis.

Columns in Flood Building, San Francisco, Cal.

and the ST. LOUIS new CITY HALL
erected with our granite.

ESTIMATES FURNISHED FOR ALL
KINDS OF WORK.

Tell 'em you saw it in ROCK PRODUCTS.

Selections

Our facilities are the very best for shipping choice colors in
Creole or Cherokee Georgia Marble.

We import our
ITALIAN direct.

The Geo. B. Sickels Marble Company,
TATE, GA.

GEORGIA MARBLE

"Creole" "Cherokee" "Etowah" "Kennesaw"



OUR BLOCK STOCK AND TRAVELER.

Blocks furnished sawed to size—for exterior, interior and
monumental purposes. Shipping facilities unsurpassed.

THE GEORGIA MARBLE CO., Tate, Ga.

Tell 'em you saw it in ROCK PRODUCTS.

"Rockcastle Stone"

BLUE, BUFF, OLIVE
Sawed or in the Block.

The Kentucky Freestone Company

Main Office, 2629 Spring Grove Ave., Cincinnati, Ohio
Quarries and Mills, Hummel and Langford, Ky.

The David Hummel Building Co.
Cut Stone Contractors. CINCINNATI, OHIO

For

REAL RESULTS

employ the Advertising
Section of

Rock Products

A live proposition

Carthage Superior Limestone Co.

Carthage Crushed Limestone Co.

CARTHAGE, MO.

The Largest Producers of Carthage
Limestone.

SAWED - CRUSHED - GROUND

EXCEPTIONAL QUARRY OPENING.

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Delivered f. o. b. c. destination ready to set in building.

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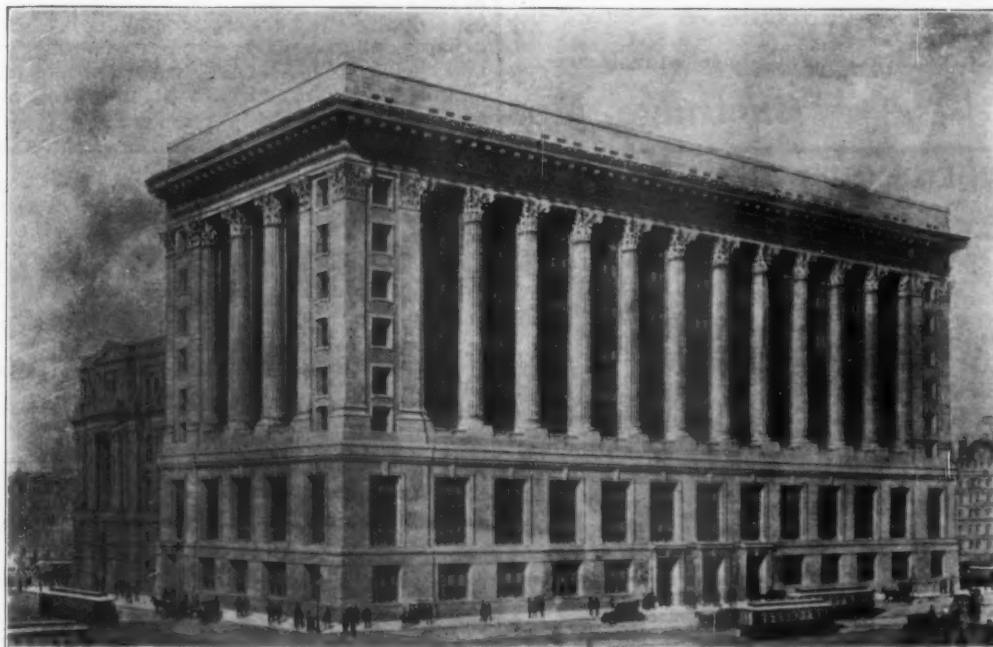
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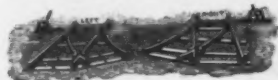
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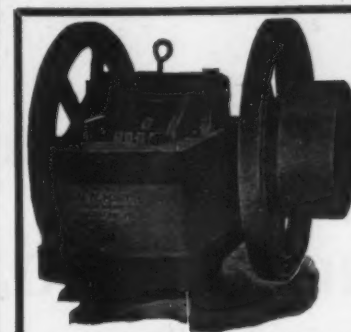
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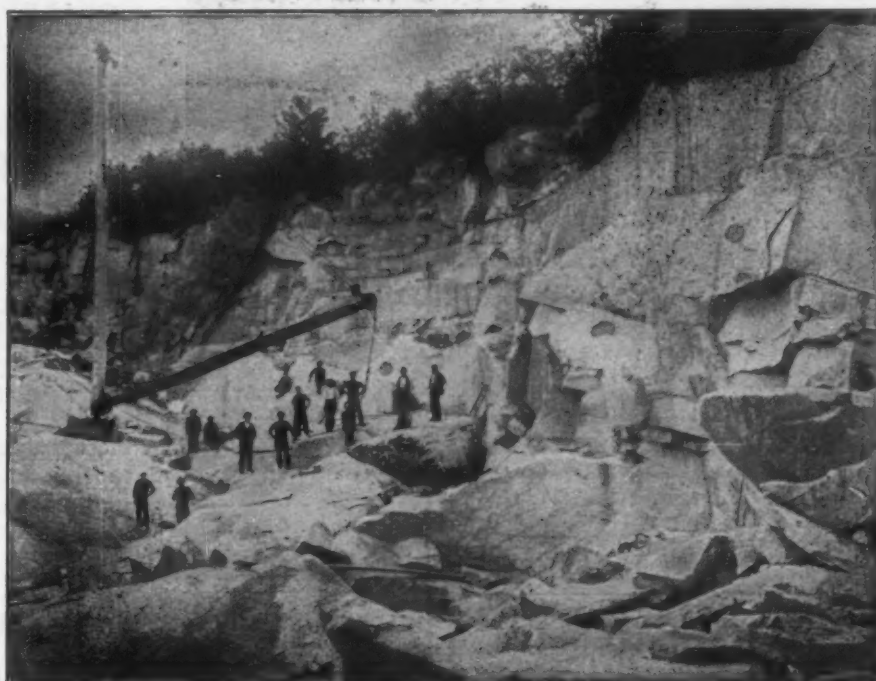
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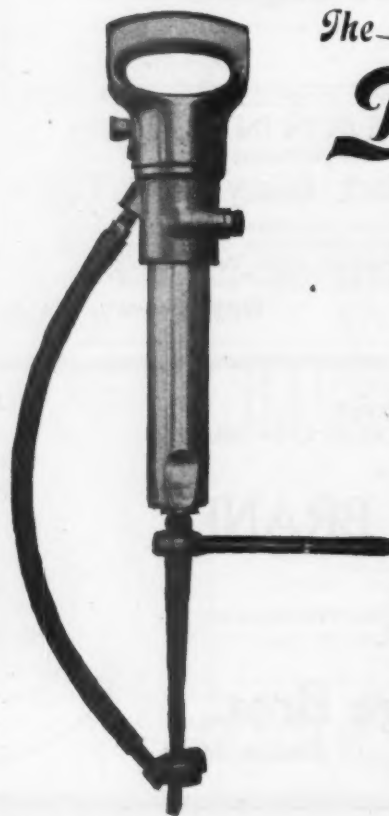
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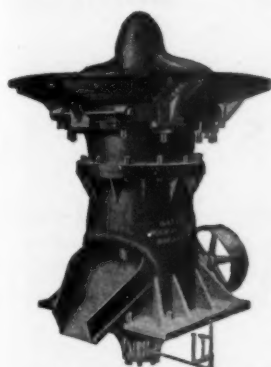
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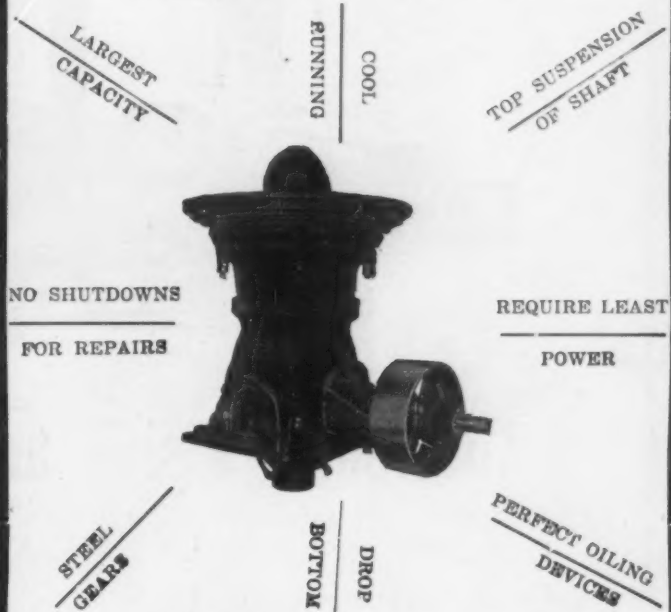
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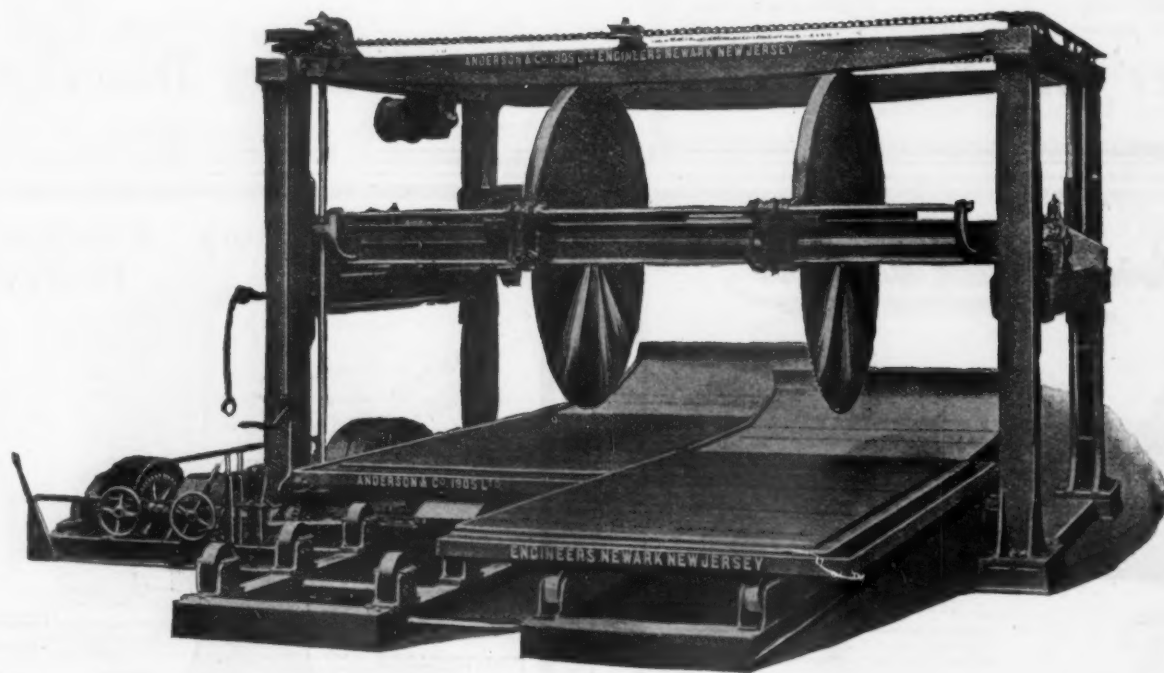
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Our Diamond Saw is a Success.
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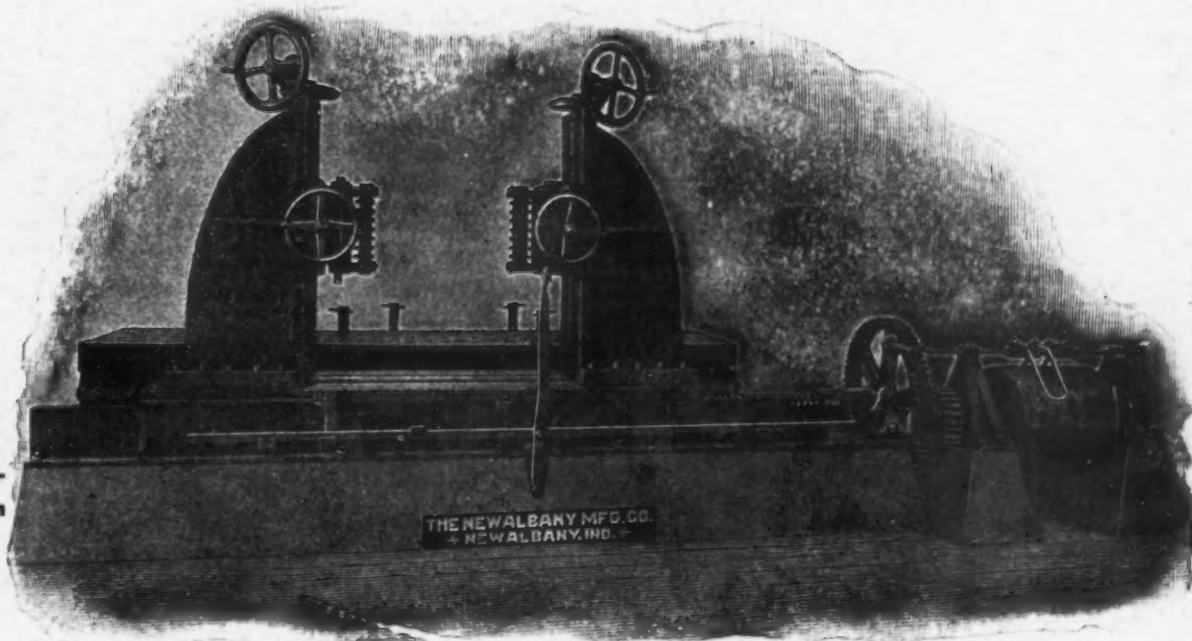
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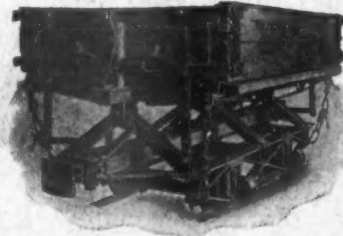
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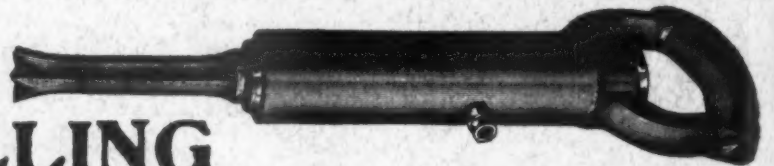
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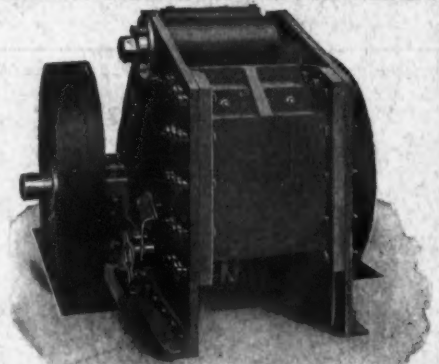
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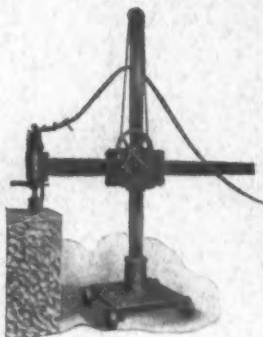
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